

20020122.qrp v02\_n443.qrl.20020122

Date: Tue, 22 Jan 2002 19:03:04 EST  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 2443

QRP-L Digest 2443

Topics covered in this issue include:

- 1) [117995] QRP Help Needed  
by "Brian Murrey" <brian@iquest.net>
- 2) [117996] [OT] Morse Code not Dead: A Teachable Moment  
by Kenneth Hoglund <hoglund@wfu.edu>
- 3) [117997] ANB-H-1  
by anthony@pacinfosb.com
- 4) [117998] RE: potential contest  
by "Mike Rioux" <mike@rioux.org>
- 5) [117999] Re: potential contest  
by K1VP <k1vp@grizzly.com>
- 6) [118000] Travel planning surprises & tropical ham radio  
by nilsbull@juno.com
- 7) [118001] Re: FS: Radio Shack Frequency Counter (#22-306)  
by "Phinizy, William" <wphinizy@filenet.com>
- 8) [118002] Measurements, Macs, and Audio Filters  
by "James R. Duffey" <jamesd1@flash.net>
- 9) [118003] Re: Problems with Hamsticks (fwd)  
by Ron KU7Y <mswmod@bigplanet.com>
- 10) [118004] MAR 6 Spice Simulation  
by "Kevin M." <adverseyaw@twmi.rr.com>
- 11) [118005] FS: Heathkit HW-8 w/Matching supply  
by RLucch2098@aol.com
- 12) [118006] Re: Travel planning surprises & tropical ham radio  
by "Alan Kaul" <alan.kaul@worldnet.att.net>
- 13) [118007] Re: VP8THU  
by "Dennis Ponsness" <wb0wao@hotmail.com>
- 14) [118008] Model 405 TEN TEC Amp..need final xsistors PT5741  
by ve3ab@mail.mondenet.com
- 15) [118009] Essay on O'scopes  
by "Kevin M." <adverseyaw@twmi.rr.com>
- 16) [118010] Arnie's Coming  
by "Marshall Emm" <mgemm@mtechnologies.com>
- 17) [118011] Re: Essay on O'scopes  
by John Seney <wd1v@amsat.org>
- 18) [118012] Pixie2  
by "Mike, Diane and Vicky" <tignor@attglobal.net>
- 19) [118013] Re: Essay on O'scopes

- by "Tony Fishpool" <tony@g4wif.fsnet.co.uk>
- 20) [118014] Since I am not wanted here....  
by Boliver Allmon <Boliver.Allmon@HALLIBURTON.com>
- 21) [118015] Short vertical antenna questions  
by "Upton, Shawn" <SUpton@ALLEGROMICRO.com>
- 22) [118016] Re: Travel planning surprises & tropical ham radio  
by Bruce Grubbs <mail@brucegrubbs.com>
- 23) [118017] Re: Since I am not wanted here....  
by W2AGN <w2agn@pobox.com>
- 24) [118018] Re: 49 MHz talkies in Europe  
by "E. Roswell" <eroswell@monmouth.com>
- 25) [118019] RE: Since I am not wanted here....  
by Boliver Allmon <Boliver.Allmon@HALLIBURTON.com>
- 26) [118020] Re: Short vertical antenna questions  
by Jake Brodsky <frussle@erols.com>
- 27) [118021] Homebrew rx design  
by N1EU <n1eu@yahoo.com>
- 28) [118022] FS: Heathkit HW-9 station, HW-8  
by Timothy.Urban@wc.ey.com
- 29) [118023] Re: Since I am not wanted here....  
by baltimoremd@baltimoremd.com
- 30) [118024] Any thoughts on DSP??  
by BOB MASON <skydive@usa.net>
- 31) [118025] Re: Since I am not wanted here....  
by W2AGN <w2agn@pobox.com>
- 32) [118026] Re: Since I am not wanted here....  
by W2AGN <w2agn@pobox.com>
- 33) [118027] RE: Short vertical antenna questions  
by "AI2Q Alex" <ai2q@adelphia.net>
- 34) [118028] Michigan QRP Net tonight  
by "Kwik, Ed " <ed.kwik@delphiauto.com>
- 35) [118029] Re: Since I am not wanted here....  
by "George, W5YR" <w5yr@att.net>
- 36) [118030] Changes to QST  
by "Brian P. Mileschosky" <n5zgt@swcp.com>
- 37) [118031] Re: Short vertical antenna questions  
by Bruce Muscolino <w6toy@erols.com>
- 38) [118032] RE: Since I am not wanted here....  
by <duffy01@fuse.net>
- 39) [118033] Re: Short vertical antenna questions  
by Bruce Muscolino <w6toy@erols.com>
- 40) [118034] Re: Since I am not wanted here....  
by "Mike Yetsko" <myetsko@insydesw.com>
- 41) [118035] Re: Changes to QST  
by John Wagner <john@wagner-usa.net>
- 42) [118036] Re: Since I am not wanted here....  
by "Mike Yetsko" <myetsko@insydesw.com>
- 43) [118037] Re: Homebrew rx design

by Paul Kiciak <pkiciak@att.net>  
44) [118038]  
by "Frank Ilardi" <ilardi@hotmail.com>  
45) [118039] Re: Short vertical antenna questions  
by Steven Weber <kd1jv@moose.ncia.net>  
46) [118040] bag pipes on 14.040  
by Robert McAtee <w5tnj@camalott.com>  
47) [118041] I got the deep-cycle blues!  
by Robert McAtee <w5tnj@camalott.com>  
48) [118042] Uses for MFJ analyzer???  
by Tom Mc <tjmc@erols.com>  
49) [118043] the true joy of qrp  
by Dan Presley <talljazz@teleport.com>  
50) [118044] RE: Uses for MFJ analyzer???  
by Dave Leduc <k1epj@aol.com>  
51) [118045] Re: Short vertical antenna questions  
by Steven Weber <kd1jv@moose.ncia.net>  
52) [118046] Re: Homebrew rx design  
by N1EU <n1eu@yahoo.com>  
53) [118047] Re: Uses for MFJ analyzer???  
by WE7X@aol.com  
54) [118048] Re: Since I am not wanted here....  
by W2AGN <w2agn@pobox.com>  
55) [118049] Re: Uses for MFJ analyzer???  
by KKANALZ@prodigy.net  
56) [118050] Re: Uses for MFJ analyzer???  
by "Ingo, DK3RED" <dk3red@t-online.de>  
57) [118051] Changes to QST  
by "Mike Boatright" <ko4wx@mindspring.com>  
58) [118052] Re: Problems with Hamsticks (fwd)  
by "Karl F. Larsen" <k5di@zianet.com>  
59) [118053] Re: Problems with Hamsticks (fwd)  
by W2AGN <w2agn@pobox.com>  
60) [118054] Re: Uses for MFJ analyzer???  
by "Mike Boatright" <ko4wx@mindspring.com>  
61) [118055] PCB caveat  
by David Hinerman <WD8CIV@worldnet.att.net>  
62) [118056] Spectrogram (was: Measurements ...)  
by "Ingo, DK3RED" <dk3red@t-online.de>  
63) [118057] Wanted: Digital Camera  
by "Brian" <brian@iquest.net>  
64) [118058] Re: Wanted: Digital Camera  
by David Hinerman <WD8CIV@worldnet.att.net>  
65) [118059] Re: Digital Camera...  
by "ss lyon" <sslyon@megalink.net>  
66) [118060] Re: PCB caveat  
by "Mike Boatright" <ko4wx@mindspring.com>  
67) [118061] Re: PCB caveat

by David Hinerman <WD8CIV@worldnet.att.net>  
68) [118062] New Elecraft K1 User to be  
by Donn Kuse <casey.jay@gte.net>  
69) [118063] RE: potential contest  
by "Paul Harden, NA5N" <na5n@rt66.com>  
70) [118064] Re: PCB caveat  
by David Hinerman <WD8CIV@worldnet.att.net>  
71) [118065] Re: Essay on O'scopes  
by "Paul Harden, NA5N" <na5n@rt66.com>  
72) [118066] Ground .vs. Counterpoise  
by "Ronald A Pfeiffer" <Ronald\_A\_Pfeiffer@raytheon.com>  
73) [118067] Re: bag pipes on 14.040  
by Bruce Muscolino <w6toy@erols.com>  
74) [118068] Re: Uses for MFJ analyzer???  
by "Lee Mairs" <lmairs@cox.rr.com>  
75) [118069] re:VP8THU  
by wo7t@juno.com  
76) [118070] Re: Code practice program/trainer  
by "Brad Hernlem" <alihernlem@hotmail.com>  
77) [118071] Re: Ground .vs. Counterpoise  
by Bruce Muscolino <w6toy@erols.com>  
78) [118072] Re: potential contest  
by "W2WU" <w2wurjj@verizon.net>  
79) [118073] Fox: Final Log for N8VAR January 17, 2002, Hunt #26  
by "Doyle, Ronald D" <RD130947@exchange.DAYTONOH.NCR.com>  
80) [118074] Re: Ground .vs. Counterpoise  
by Bill Coleman <aa4lr@arrl.net>  
81) [118075] Re: Ground .vs. Counterpoise  
by Bill Coleman <aa4lr@arrl.net>  
82) [118076] Truffle Hunt tonight  
by "w8diz" <w8diz@fpqrp.com>  
83) [118077] Re: PCB caveat  
by Steven Weber <kd1jv@moose.ncia.net>  
84) [118078] Re: Ground .vs. Counterpoise  
by WE7X@aol.com  
85) [118079] Re: Short vertical antenna questions  
by Gary Slagel <gdslagel@yahoo.com>  
86) [118080] Re: QRP DXCC  
by "Jim Worthington" <ad4j@arrl.net>  
87) [118081] RE:Dyslexia (was: potential contest)  
by "Kory Hamzeh" <kory@avatar.com>  
88) [118082] RE:Dyslexia (was: potential contest)  
by baltimoremd@baltimoremd.com  
89) [118083] Re: Changes to QST  
by "Michael C. Boatright" <ko4wx@mindspring.com>  
90) [118084] Re: Ground .vs. Counterpoise  
by "Lee Mairs" <lmairs@cox.rr.com>  
91) [118085] Re: Ground .vs. Counterpoise

- by Bruce Muscolino <w6toy@erols.com>
- 92) [118086] Re: Ground .vs. Counterpoise  
by "E. Roswell" <eroswell@monmouth.com>
- 93) [118087] RE: Dyslexia (was: potential contest)  
by baltimoremd@baltimoremd.com
- 94) [118088] Re: Ground .vs. Counterpoise  
by "ss lyon" <sslyon@megalink.net>
- 95) [118089] RE:Dyslexia (was: potential contest)  
by <igeq100@iupui.edu>
- 96) [118090] Re: Altoids Tin 2?  
by "Rob Matherly" <kc0bom@arrl.net>
- 97) [118091] RE: Dyslexia (was: potential contest)  
by "Kory Hamzeh" <kory@avatar.com>
- 98) [118092] Strange Rumbles - What was that?  
by Gary Halpern <gary.halpern@sympatico.ca>
- 99) [118093] Re: Ground .vs. Counterpoise  
by "Jim Worthington" <ad4j@arrl.net>

-----

Date: Mon, 21 Jan 2002 19:05:12 -0500  
From: "Brian Murrey" <brian@iquest.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>, "Pigs" <fpqrp-l@mpna.com>,  
<QRPP-I@yahoogroups.com>  
Subject: [117995] QRP Help Needed  
Message-ID: <008601c1a2d8\$7734f700\$86372bd1@bmurrey2K>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have recieved email from a ARC in Whitley County Indiana. They would like to have a QRP presentation done at their club, or at least a speaker to come in and tell them about QRP operations.

I THINK Whitley County is in northern Indiana. I'm in south central Indiana.

Can anyone help them out? Let me know and I'll forward the info.

Thanks

=====

KB9BVN/QRP - New Whiteland IN - EM69WN  
QRP-ARCI #10223 QRP-L #1540 FIST #5695  
FISTS CC #764 - Proud Member ARRL

TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W  
INTO INFAMOUS AF4PS ATTIC DIPOLE  
SOC #400 AND FLYING PIGS QRP #-57  
=====

-----  
Date: Mon, 21 Jan 2002 19:08:13 -0500  
From: Kenneth Hoglund <hoglund@wfu.edu>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [117996] [OT] Morse Code not Dead: A Teachable Moment  
Message-ID: <3C4CAD6D.D17C44F7@wfu.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang--

Last night the family was watching "Alias," a suspenseful spy-thingie. Seems some rogue had invaded super-secret SD-6 (a rogue agency) hq in Los Angeles and had all the ops rounded up while torturing the office head. The hero and heroine had come into the office late (says something about the value of arriving late?) and were trying to thwart the bad guys. Jack had tapped into the closed-circuit TV system while Sydney had gone thru the ventilation system to retrieve a "scrambler". Anyway, needing a distraction to draw attention from Sydney, Jack sent morse code via the red "on" light on the camera stationed in the room where the other ops were held. One figured out the message and faked a seizure, drawing the guard away from the room where the "scrambler" was kept.

We had some good discussion at the next commercial break on why morse code is so useful (versatile: light, rf, sound). Show pointed out you just never know when it could be necessary to communicate when in distress. My 10 year old daughter said maybe she should learn it! So, cw is again becoming 'cool.'

73  
Ken KG4FGC

-----  
Date: Mon, 21 Jan 2002 16:27:41 -0800  
From: anthony@pacinfosb.com

To: brian@iquest.net, qrp-1@lehigh.edu  
Subject: [117997] ANB-H-1  
Message-ID: <Chameleon.1011660757.Anthony@PID038>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; CHARSET=ISO-8859-1

"On the "can" part they have printed "Receiver" and "ANB-H-I", this is printed on both cans.

Anyone know anything about these? They've improved my HW-9 listening by a couple hundred percent!"

The ANB-H-1 was the standard low-impedance headset element after the switch to low impedance during WW2. ANB-H stands for Army Navy British Headphone or some such thing. The successful British design was adopted by the American armed forces. The HB-7 was the standard headband and the MC-162-A was the rubber cup made to fit the system. All these parts were made by a wide variety of manufacturers, some of whom would have been surprising. (I just read that the Sheaffer pen company made about 60% of the Collins autotune units used in the ART-13

transmitters and such.) The rubber cups were made after the war in Japan as replacements

for the tens of thousands of units made available to hams after the war. These sets

show up, along with the high impedance R-14 elements version, at swaps and on ebay.

You can usually get a set in working condition for a few bux at swaps and about \$20 on ebay. If you look long enough, you can find the components new in the box, but 50 years old. In addition to the rubber cups, there are chamois-covered over-the-

ear cups. The headbands were mostly designed for aircraft use, and if yours is very

original you will notice the cable to the headband is short. This was connected to a

"bailout plug" that could be disconnected quickly.

I am a big fan of old headsets, and some of them are even comfortable. They are very sensitive - in most cases a one-transistor regen will provide pretty good copy

in a quiet room. They can be driven to painful loudness with a single ended transistor

amp. They almost all attenuate severely frequencies below about 200Hz and above a few

KHz. I have also found that they provide an immediate improvement in CW copy when compared to modern wide-range phones.

73, WN6Q

-----  
Anthony Felino, Pacific Information Design

email: anthony@pacinfosb.com  
telephone: (805) 730 1565, x25  
fax: (805) 730 1569  
shipping address:  
411 E. Canon Perdido, Ste. 16  
Santa Barbara, CA 93101

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Date: Mon, 21 Jan 2002 20:01:42 -0500  
From: "Mike Rioux" <mike@rioux.org>  
To: <na5n@rt66.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [117998] RE: potential contest  
Message-ID: <ODELIIACNFAHFGDIJNOKEECACPAA.mike@rioux.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Well said Paul! As one who earned Extra the hard way and promptly forgot about doing code, I find myself drawn back to what makes Hams unique - CW. We should encourage everyone we find on CW to keep at it, that means working the slow folks when they call CQ.  
73, Mike - W1USN (was at 25wpm once, now at 15 and working to get faster!)  
K2 #1964

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Paul Harden, NA5N  
Sent: Monday, January 21, 2002 2:00 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: potential contest

On Mon, 21 Jan 2002 Ke9xq@aol.com wrote:

> 1: Novices are getting fewer and fewer in number  
>  
> 2: They no longer issue this class of ticket  
>  
> 6: Some of these Novices NEED a helping hand  
<snip>



Bill, and others,

I think something along this line is an excellent idea to encourage Novices and the new general class to get on the air. I am certainly struck lately by the number of QSO's I have (mostly 40M evenings) with the new generation of 5wpm generals. Often my 20wpm CQ is answered by a station sending maybe 10wpm. While I always QRS to work the station, I hear others who will not respond to the slower call. THESE GUYS NEED SOME HELP AND ENCOURAGEMENT. They are in essence, today's new Novices, except now, with no place to go. They are running 5-10 wpm and have no choice except to jump in on the general bands with the "big boys." I admire them for doing so.

There have been those on this list who complain how the 5wpm requirement will convert ham radio into a CB band, the dumbing-down of the hobby, and how it will keep CW ops from growing. This is NOT my experience of what I hear on the air. I hear these new 5wpm generals making an honest attempt at working CW instead of the easy way - pick up a mike and do that SSB thing. It must be frustrating for them, yet they keep at it. This is not a dumbing-down of the bands, but a desire to "do it right." Their efforts should be admired and encouraged.

So the next time you hear a 10 wpm CQ around the QRP calling frequencies, how about calling the guy back and give him a good QSO and encouragement? These guys have virtually no Elmering, so how about being the guys Elmer for awhile? To him, you are the "old timer," and he will respect what he may learn from you. I have explained in my QSO's the proper format for a QSO, how to use break-in (BK instead of sending both calls everytime), etc., and it has ALWAYS been welcomed and appreciated, because they DO have a desire to be a good CW op someday.

I really think QRPers could take the lead in this. We don't tend to be the guys whizzing along at 35 wpm, but more like in the 18-20wpm range due to our weaker signals at times. No biggie to QRS a bit. QRPers are legendary for being one group of hams who are having fun at this hobby, so let's share it with others. Not only will we be recruiting new CW ops, but some of them may discover the "Joy of Qrp" (c. Ade Weiss!) as well.

The ARRL no longer sponsors the Novice Roundup. This would be an excellent opportunity for one of the QRP clubs out there to sponsor, or very close to what Bill is proposing. It could be submitted to QST for their "Contest Calendar" to reach the Novices and slower new generals beyond the QRPers.

Sorry for the rambling, but this hobby will always be what WE make it. We have a new generation of CW hams joining the ranks now, so let's embrace them and help them along. The day that very little CW is

heard on the bands is the day the CW segment will be taken away. So it is to OUR best interest to nurture these new CW ops along to ensure the preservation of CW. The FCC and ARRL can't do that - only we can.

72, Paul NA5N

-----  
Date: Mon, 21 Jan 2002 20:01:29 -0500  
From: K1VP <k1vp@grizzly.com>  
To: qrp-l@lehigh.edu  
Subject: [117999] Re: potential contest  
Message-ID: <20020121200129.0dbce4cd.k1vp@grizzly.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit

On Mon, 21 Jan 2002 20:01:42 -0500  
> This is NOT my experience of what I  
> hear on the air. I hear these new 5wpm generals making an honest attempt  
> at working CW instead of the easy way ... This is not  
> a dumbing-down of the bands, but a desire to "do it right." Their efforts  
> should be admired and encouraged.  
>  
>

I have not been operating much for a few months, but I do listen around a bit from time to time and I agree on all points. There have been many more slower CW sigs on the bands and you can tell these are not experienced OPs who for whatever reason go a bit slower. They seem to be folks new to CW and new to HF. We should all do what we can to make them feel welcome.

Ed Lawson  
K1VP

-----  
Date: Mon, 21 Jan 2002 20:29:30 -0500  
From: nilsbull@juno.com  
To: QRP-L@lehigh.edu  
Subject: [118000] Travel planning surprises & tropical ham radio  
Message-ID: <20020121.202938.-187689.2.nilsbull@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Gang,

Ever since I can remember my eldest son being around, I've always prated on and on about Puerto Rico. The weather -- especially when shovelling snow -- the people, the cooking, the language, all that stuff. After all of having lived there for two years when I was a sailor (and only getting to really enjoy the place when it was time to transfer to the USS Saratoga -- which is another story), I have always wanted to go back.

Not that you or I really can, time travel being impossible & all that.

So today my son, who has many moneys, dropped by to give us a computer to give to Cindy's brother who has MD and during the dinner conversation (like planning was never his game; benificent coincidences being more his style), he invites me on a father/son bonding trip for three nights in Puerto Rico. He pays the tickets, I pay the hotel &c. Cindy says I should go. My youngest wants to go too -- which is another story again.

Been over 30 years since I was there. Let's see . . . 32 since I left, 34 since I showed up. Many changes I am sure of. Like more than once McDonald's. And a dang sight slighter gringo military presence. (I understand that in 72, when the military moved out nearly en masse, more than 10 thousand jobs disappeared. Blew a hole in the infrastructure, among other things.) So I am prepared for those dissillusionments.

So the question comes down to: Do I take a radio? Or should I just enjoy the trip & maybe meet a couple of the local hams with whom I've had very infrequent conversations over the past 30 years? Or should I just go on the dang trip & not think about taking a 40-9er with me, just on the off chance &c?

I almost applied for WP4DKA as my vanity call.

Hints? Eh?

73

Nils

. . . and we were carping at work last week about our colleague who always seems to take his vacations in the middle of the academic quarter when we're up to our calabazas in woik . . . maybe it's my turn . . .

-----

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes Sonrientes

W8IJN -- <http://www.geocities.com/nilsbull/w8ijn>

"In MY day we FIGHT to have earphones! Every DAY was STRUGGLE!"

-- Comrade Nikolai Sergeievich McTovarishov, 19

Oct 1917

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<http://dl.www.juno.com/get/web/>.

-----  
Date: Mon, 21 Jan 2002 17:51:22 -0800

From: "Phinizy, William" <wphinizy@filenet.com>

To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>

Subject: [118001] Re: FS: Radio Shack Frequency Counter (#22-306)

Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F0874139A@hq-expo2.filenet.com>

..the counter has been spoken for.

Thanks.

Bill.

-----  
Date: Mon, 21 Jan 2002 18:53:06 -0700

From: "James R. Duffey" <jamesd1@flash.net>

To: <qrp-1@lehigh.edu>

Subject: [118002] Measurements, Macs, and Audio Filters

Message-ID: <B8721412.10A8D%jamesd1@flash.net>

Mime-version: 1.0

Content-type: text/plain; charset="US-ASCII"

Content-transfer-encoding: 7bit

After aligning my K-1 with my Mac using Spectrum Analyzer, I posted a short note to the Elecraft list describing how I did it. Mike, WA6MER replied that he could not find Spectrum Analyzer, but found MacCRO. Not being familiar with MacCRO I downloaded a copy and started playing with it. It is superior to Spectrum Analyzer and I spent the day measuring several of my audio filters with it.

Now, when I start to measure something I usually learn more about the inadequacies of my measurement technique than I do about what I am trying to measure. Today was no exception. More on that later.

I measured my Bencher ZX-2 (analog SCAF), a DaTong FL-3 (analog), a Timewave DSP-59 + (DSP), and the venerable Autek QF-1A (analog). All at 250 Hz with a 550 Hz center frequency. These 4 filters show remarkably different frequency responses. The DaTong and Timewave are my favorite filters. They have

excellent frequency response, steep slopes and good out of band rejection. The Bencher also showed good response. The Autek QF-1A was a bit wide at the bottom, but had better response than I thought it would. My Mac is not fast enough to measure the ringing of these filters. I need to wrestle the G-3 from my daughter. I am working on that. To my ear, the Autek QF-1 A has a bit of ringing, but the rest are free of it.

If there is interest I can post these responses on my web page. Actually my vanity will drive me to post these even if there is no interest. :^)

Now to those measurement problems. I used my TS-850s as a white noise source. It appears to have about a 3 dB per octave roll off above 800 Hz. This makes precise measurements hard for SSB filter bandwidths, marginal for CW. I need an audio white noise source. I think I can reconfigure one of my older macs to do this. Maybe on Presidents day.

It is not trivial to set the maximum of the frequency response to the same level for all measurements. I need to work on this. An adjustable white noise source may help.

It is a pain to switch all the cables from one filter to another. I need to incorporate a good audio switch to do this. I am surprised that I didn't blow anything up. Maybe Radio Shack has one.

Some of the filter/wall wart combinations had 120 Hz/180 Hz output which shows up in the spectral response, but is not audible. I will need to get a good filtered power supply and work to eliminate ground loops.

I never seem to have the right adapter. It seems hard to get a miniature stereo plug to RCA mono phono plug adapter. Actually it seems hard to get an adapter from stereo anything to RCA phono plug. These are essential to measuring these filters.

- Dr. Megaycle KK6MC/5

--

James R. Duffey KK6MC/5  
Cedar Crest, NM DM65

-----  
Date: Mon, 21 Jan 2002 18:44:47 -0700  
From: Ron KU7Y <msswmod@bigplanet.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [118003] Re: Problems with Hamsticks (fwd)  
Message-ID: <000501c1a2e9\$28bf7440\$c9c0a9d8@oemcomputer>  
MIME-version: 1.0

Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7bit

Hi All,

I'm still chewing on all the info I got with the last question but I just HAVE to say something here..... Lets look at what Karl said;

> This means 1/100 of the power is going into the antenna, with  
> 99/100 going into the ground resistance. Your Hamstick has 1 watt of power  
> to work with, while 99 watts are converted to heat if your running 100  
> watts.

While the math may really "prove" that, I have a VERY hard time believing it because of all the QSO's I've made over the years with very similar antennas. No way was I only getting 1% of the power into the antenna and out into the "either".

Do this as a little experiment someday.....

Put up a nice 80m antenna. One that will let you get most all of your power into it according to the "math". Now set up your little Hamstick antenna style antenna on the car. Run 100w in the car and 5w into the good antenna. Work the same station and see what the reports are.

Do this with several antennas and even do the same thing on 40m. Then report back here with the results.

Lets see if the real world results coincide with the text book math.

I for one would LOVE to see some things like this happen. Then we can begin to understand what we think we know or see!

OK, back to my reading of those other posts some more.

I just spent the past 3 days at a great bluegrass festival. Listened to a lot of good picking and did a fair amount of it myself out in the camping area..... but now back to QRP stuff.....

Back in my hole.....

Ron, KU7Y

ku7y@qsl.net

Full Time RVing somewhere in the West

Currently in Brenda, AZ.

-----  
Date: Mon, 21 Jan 2002 22:35:52 -0500  
From: "Kevin M." <adverseyaw@twmi.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [118004] MAR 6 Spice Simulation  
Message-ID: <000901c1a2f5\$e52f8af0\$1a751d41@magnus>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gang,  
I am looking for a spice model for the MAR-6 from Mini-Circuits. I  
checked their website and didn't find anything. Does anyone have one or  
know where I can get one? It doesn't have to be the MAR-6 any of the  
MAR- series should work. Thanks.  
Kevin, KC8SFJ  
QRP-L #2366 - member since October/2001  
--

AdverseYaw@twmi.rr.com <-- My email address  
AdverseYaw@bigfoot.com <-- My forwarding address  
Quote of the day--

All men are equal; it is not birth, but virtue alone, that makes the  
difference. - Voltaire

-----  
Date: Mon, 21 Jan 2002 23:29:49 EST  
From: RLucch2098@aol.com  
To: qrp-l@lehigh.edu  
Subject: [118005] FS: Heathkit HW-8 w/Matching supply  
Message-ID: <188.22474d8.297e44bd@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hi Guys;  
I have for sale:  
Heathkit HW-8 with matching HWA-7 supply.  
Puts out 1.5 watts on 80 & 40 & 1 watt on 20 & 15mtrs.  
Hears well, I have used it. The Semi-Breakin is fine, the meter works as do  
all the controls.  
Appears NOT to have any of those GaZillion mods that were so popular at one

time!  
All is Nicely wired.  
Here are a few pics>>  
<A HREF="http://www.baltimorepress.com/~wa2rqy/hw8-1.jpg">  
http://www.baltimorepress.com/~wa2rqy/hw8-1.jpg</A>  
<A HREF="http://www.baltimorepress.com/~wa2rqy/hw8-2.jpg">  
http://www.baltimorepress.com/~wa2rqy/hw8-2.jpg</A>  
Price is \$150 + UPS  
Thanks es 73....Rich WA2RQY (1961)  
WA2RQY's "confusion Radio" Web-Page  
Http://members.aol.com/rlucch2098/index.html  
RLUCCH2098@aol.com  
"Keep those heaters on"

-----  
Date: Mon, 21 Jan 2002 20:38:35 -0800  
From: "Alan Kaul" <alan.kaul@worldnet.att.net>  
To: <nilsbull@juno.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [118006] Re: Travel planning surprises & tropical ham radio  
Message-ID: <001601c1a2fe\$bc910ca0\$af25cd18@charterpipeline.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Nils, take the radio with you -- then, if you don't want to use it after you get there, that's OK. But just by taking it with you keeps those options open!

Alan Kaul, W6RCL, LaCanada, CA  
w6rcl@amsat.org  
http://home.att.net/~alan.kaul/index.html

-----  
Date: Tue, 22 Jan 2002 05:30:30 +0000  
From: "Dennis Ponsness" <wb0wao@hotmail.com>  
To: qrp-1@Lehigh.EDU  
Subject: [118007] Re: VP8THU  
Message-ID: <F93VrDs9aA0PpBpcXCX000039d7@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Heard him on 40m the other nite. What a pileup! Sounded like RTTY stations!

72 es oo



Dennis - WB0WAO

-----  
MSN Photos is the easiest way to share and print your photos:  
<http://photos.msn.com/support/worldwide.aspx>

-----  
Date: Tue, 22 Jan 2002 01:10:55 +0000  
From: ve3ab@mail.mondenet.com  
To: Qrp-L@Lehigh.edu  
Subject: [118008] Model 405 TEN TEC Amp..need final xsistors PT5741  
Message-ID: <200201220618.g0M6HxB09366@genesis.dmz.mondenet.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Hello. I had an odd problem with my 405 amp caused by a power surge which destroyed my final output ttrransistors. Note these are older transistors(pssbly out of manufacture) TRW PT5741..ECG equiv is 318. I would be willing to purchase a pair or swap something out of my junkbox ect. I have a couple of mfj antenna tuners for trade bait. Now that I have a Johnsons Matchbox (my old fav..) I could easily part with one of them.. 73 Earl VE3AB

-----  
Date: Tue, 22 Jan 2002 01:41:38 -0500  
From: "Kevin M." <adverseyaw@twmi.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [118009] Essay on O'scopes  
Message-ID: <003a01c1a30f\$d7eb17f0\$1a751d41@magnus>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gang,  
I have been reading the Essay that Paul Hardin, NA5N wrote on Oscilloscopes. At the end he mentions he will be writing Part 2 for the winter QRPp. Was it ever written? Did he post it to QRP-L? I would like to get a copy to further my know how for homebrewing. If anyone has a copy please send it. Thank you.

Kevin, KC8SFJ  
QRP-L #2366 - member since October/2001  
--

AdverseYaw@twmi.rr.com <-- My email address  
AdverseYaw@bigfoot.com <-- My forwarding address  
Quote of the day--

All men are equal; it is not birth, but virtue alone, that makes the  
difference. - Voltaire

-----  
Date: Tue, 22 Jan 2002 01:04:26 -0700  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: qrp-l@lehigh.edu  
Subject: [118010] Arnie's Coming  
Message-ID: <3C4CBA9A.24883.1CD9EFF@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

Please forward to QRP-L and CCQ-L:

ARNIE'S COMING!!

Arnie Coro, C02KK, that is. The Colorado QRP Club is proud to announce that Arnie Coro, C02KK, from Radio Havana Cuba will be the guest speaker at our 8th annual banquet to be held in Aurora, Colorado Feb. 16. Arnie's program will be of interest to hams and non-hams alike. Plan now to attend this spectacular evening with Arnie. Join us in a tribute to a good friend of QRP. For more information check the CQC website at [www.cqc.org](http://www.cqc.org).

Plan to spend the evening in Denver and attend the ARA swapfest Sunday. Arnie will present a program at 10:30 on Low Cost Wire Antennas. This is not Four Days in May, rather Two (very special) Days in February.

Rich W0HEP  
RHighAurora@aol.com  
---

-----

Date: Tue, 22 Jan 2002 05:18:34 -0500  
From: John Seney <wd1v@amsat.org>  
To: qrp-l@Lehigh.EDU, qrp-l@qth.net, neqrp@jona1.net  
Cc: adverseyaw@twmi.rr.com  
Subject: [118011] Re: Essay on O'scopes  
Message-ID: <p05100300b872ec14557f@[24.147.76.157]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

>Gang,  
>I have been reading the Essay that Paul Hardin, NA5N wrote on  
>Oscilloscopes. At the end he mentions he will be writing Part 2 for the  
>winter QRPp. Was it ever written? Did he post it to QRP-L? I would  
>like to get a copy to further my know how for homebrewing. If anyone has  
>a copy please send it. Thank you.  
>  
>Kevin, KC8SFJ  
>QRP-L #2366 - member since October/2001

Hi Kevin:

I'd like to see that too - could you forward both copies  
to me too please?

Tnx es 73,

John Seney  
Scope FAQ <http://www.qsl.net/wd1v>

-----  
Date: Tue, 22 Jan 2002 05:38:08 -0500  
From: "Mike, Diane and Vicky" <tignor@attglobal.net>  
To: <qrp-l@lehigh.edu>  
Subject: [118012] Pixie2  
Message-ID: <LPBBJEBJGENIAJFILJKGEENBCDAA.tignor@attglobal.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Boliver Allmon - others:

I bought and built a Pixie2 kit about 1 week ago. Then I stumbled across  
the qrp-l. I noticed that this is a club project so I subscribed to the  
list.

I am happy to swap notes with others that are experimenting with this radio.

Mike

-----  
Date: Tue, 22 Jan 2002 10:59:31 -0000  
From: "Tony Fishpool" <tony@g4wif.fsnet.co.uk>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [118013] Re: Essay on O'scopes  
Message-ID: <004401c1a333\$eb635620\$7e0487d9@duron>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The initial instalment of Paul's Oscilloscope tutorial is available as a GQRP club datasheet. If you visit [www.gqrp.com](http://www.gqrp.com) and select the "Sprat" option - you can download it from there.

Kind regards  
Tony - G4WIF

----- Original Message -----  
From: "John Seney" <wd1v@amsat.org>

> >Gang,  
> >I have been reading the Essay that  
> >Paul Hardin, NA5N wrote on  
> >Oscilloscopes. At the end he mentions  
> >he will be writing Part 2 for the  
> >winter QRPP. Was it ever written?  
> >Did he post it to QRP-L? I would  
> >like to get a copy to further my know how  
> >for homebrewing. If anyone has  
> >a copy please send it. Thank you.  
> >  
> >Kevin, KC8SFJ  
> >QRP-L #2366 - member since October/2001  
>  
> Hi Kevin:  
>  
> I'd like to see that too - could  
> you forward both copies  
> to me too please?  
>  
> Tnx es 73,

>  
> John Seney  
> Scope FAQ <http://www.qsl.net/wd1v>

-----  
Date: Tue, 22 Jan 2002 07:01:15 -0600  
From: Boliver Allmon <Boliver.Allmon@HALLIBURTON.com>  
To: "Qrp-L (E-mail)" <qrp-l@lehigh.edu>  
Subject: [118014] Since I am not wanted here....  
Message-ID: <6436BBDD2887D411A2360000E866FEEE01F9CBCA@HOUEXCH045>  
MIME-Version: 1.0  
Content-Type: text/plain

I am going to unsubscribe to the list. Based on some off the list emails and the lack of response to any of my posts, I must assume that I am not wanted here. Since I do not yet have a General or better, apparently I am too stupid to be a part of this group.

Good bye

> Boliver Allmon, KC5PCS  
>  
>

-----  
Date: Tue, 22 Jan 2002 08:28:38 -0500  
From: "Upton, Shawn" <SUpton@ALLEGROMICRO.com>  
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>  
Subject: [118015] Short vertical antenna questions  
Message-ID: <E1F0152638DBD311AEF700D0B74455E23C0032@exchange\_nh.allegromicro.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Ok, I'm finally building something. We'll see how it turns out. I plan on building a cheapo, easy to construct and take down, vertical. I have a small tripod that I want to use as the base, but the tripod won't take much to topple if the weight is located much above it. I have a nice, homemade 12 turn 4" diameter inductor to use as the loading coil, and I bought one of those 72" RS telescoping whips to top it all off. In the end, I think I will have about 100" of radiator. The feedpoint for this setup looks to be about 2 feet off the ground. I know it won't be great on 80m, but I'd like it to at least load up on that band.

1. Would I gain any efficiency by locating the loading coil a foot or two up from the feedpoint? Or would it be minor gains? [As in, would I gain 1% on an antenna that is, say 40% efficient; or would I gain 1% on an antenna that is 3% efficient?]

2. Since the feedpoint is so low to the ground, and I plan on draping the counterpoises on the ground anyhow, length isn't so critical, right?

3. I know I have a construction article somewhere on this, but for the loading coil--I'd assume to install it so that normally, max inductance was inline with the antenna, and I use a jumper to shorten the inductor to tune the antenna, right?

Thanks.

Shawn Upton, KB1CKT

-----  
Date: Tue, 22 Jan 2002 06:23:25 -0700  
From: Bruce Grubbs <mail@brucegrubbs.com>  
To: nilsbull@juno.com,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [118016] Re: Travel planning surprises & tropical ham radio  
Message-ID: <5.1.0.14.0.20020122062245.02ca1f10@mail.earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Do it! And take a 'lil radio, just in case.

73  
Bruce  
N7CEE

-----  
Bruce Grubbs  
mail@brucegrubbs.com

-----  
Date: Tue, 22 Jan 2002 08:32:06 -0500  
From: W2AGN <w2agn@pobox.com>  
To: Boliver Allmon <Boliver.Allmon@HALLIBURTON.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [118017] Re: Since I am not wanted here....

Message-ID: <0201220832060Z.02394@CC2289974-A>

Content-Type: text/plain;

charset="iso-8859-1"

MIME-Version: 1.0

Content-Transfer-Encoding: 8bit

On Tuesday 22 January 2002 08:01, Boliver Allmon wrote:

> I am going to unsubscribe to the list. Based on some off the list  
> emails and the lack of response to any of my posts, I must assume  
> that I am not wanted here. Since I do not yet have a General or better,  
> apparently I am too stupid to be a part of this group.

>

> Good bye

>

> > Boliver Allmon, KC5PCS

--

Congratulations Boliver. That was a very dramatic exit. Worthy of an Academy award. I am sure all those mean list members are ashamed they didn't let you play, just because you were only a Tech, or whatever.

Did you ever consider it might not be your license class, but YOUR lack of class?

(

-----  
John L Sielke W2AGN  
w2agn@pobox.com  
<http://www.qsl.net/w2agn>  
Trustee: W3IYQ

-----  
Date: Tue, 22 Jan 2002 08:37:19 -0500  
From: "E. Roswell" <eroswell@monmouth.com>  
To: qrp-l@Lehigh.EDU  
Subject: [118018] Re: 49 MHz talkies in Europe  
Message-ID: <3C4D6B0F.F9A43193@monmouth.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

My brother is in Austria and here are his observations:

-----

2-Way - The first 2-way communicators we had were only 10 mW and they operate on:

(GET READY FOR THIS ASSIGNMENT!) 433.075 - 434.775 MHz with 69 channels spaced 25 kHz apart. (I don't know if they could be considered "type approved" for use on the ham band in the USA! OR if they are considered "Type 15 devices" and don't need licensing in the USA) The range of these was short.....

Another WAY - The next units we got were 500 mW and they operate on 8 channels from 446.00625 to 446.09375 MHz with 12.5 kHz spacing. DO YOU KNOW WHAT THIS ALLOCATION IS FOR IN THE USA?.....

With the latter came a small booklet listing the "approval requirements" in different countries in Europe. The countries this latter unit are not approved in are: Greece, Italy, Luxembourg, & Sweden. Some countries require a "license" and others restrict use from some channels.

Unrestricted use is in the following:

Denmark, Finland, Germany, Iceland, Ireland (\*), Netherlands, Portugal, Spain, & Great Britain. \* Ireland requires CTCSS tones.

So..... What should your friend do? Take the type approved in the USA? If I were to do that, I would certainly open the squelch and monitor first before making any transmissions. See if the frequency is in use!

-----  
Hope this helps!

73, Ed, K2MGM.

-----  
Date: Tue, 22 Jan 2002 07:43:10 -0600

From: Boliver Allmon <Boliver.Allmon@HALLIBURTON.com>

To: "'W2AGN'" <w2agn@pobox.com>,

Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [118019] RE: Since I am not wanted here....

Message-ID: <6436BBDD2887D411A2360000E866FEEE01F9CBCB@HOUEXCH045>

MIME-Version: 1.0

Content-Type: text/plain

Personally, I think you ought to be banned from the list. I did a review of the posts that you have made and most are flames. It is people like you who run people off from this hobby. When those of us who are wanting to gain knowledge and improve our understanding are belittled, why should we stay? I am not leaving the hobby, just the list. So you did not completely accomplish your goal of limiting the world of Ham radio to the elite.



> Boliver Allmon  
>  
>  
> \*Phone: 713-753-7667  
> \*Location: KT1942C  
> \*e-mail: Boliver.Allmon@Halliburton.com  
>  
>  
>  
> -----Original Message-----  
> From: W2AGN [SMTP:w2agn@pobox.com]  
> Sent: Tuesday, January 22, 2002 7:32 AM  
> To: Boliver Allmon; Low Power Amateur Radio Discussion  
> Subject: Re: Since I am not wanted here....  
>  
> On Tuesday 22 January 2002 08:01, Boliver Allmon wrote:  
> > I am going to unsubscribe to the list. Based on some off the list  
> > emails and the lack of response to any of my posts, I must assume  
> > that I am not wanted here. Since I do not yet have a General or better,  
> > apparently I am too stupid to be a part of this group.  
> >  
> > Good bye  
> >  
> > > Boliver Allmon, KC5PCS  
>  
> --  
>  
> Congratulations Boliver. That was a very dramatic exit. Worthy of an  
> Academy  
> award. I am sure all those mean list members are ashamed they didn't let  
> you  
> play, just because you were only a Tech, or whatever.  
>  
> Did you ever consider it might not be your license class, but YOUR lack of  
>  
> class?  
>  
>  
> (  
>  
> -----  
> John L Sielke W2AGN  
> w2agn@pobox.com  
> <http://www.qsl.net/w2agn>  
> Trustee: W3IYQ

-----

Date: Tue, 22 Jan 2002 08:59:57 -0500  
From: Jake Brodsky <frussle@erols.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [118020] Re: Short vertical antenna questions  
Message-ID: <dvrq4us5u26vq89ekbgg14uidskqp2mp4a@4ax.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: quoted-printable

The definitive work on this subject was done by Jerry Sevick, W2FMI.

He wrote an article in the 1970s for QST about this subject, and a reprint is included in an appendix of his book on Building Baluns and UnUns. It's available through most ham radio book dealers. =20

73,

Jake Brodsky, <mailto:frussle@erols.com>  
"Nearly fifty percent of all graduates came from=20  
the bottom half of the class."

-----  
Date: Tue, 22 Jan 2002 06:09:49 -0800 (PST)  
From: N1EU <n1eu@yahoo.com>  
To: qrp-1@lehigh.edu  
Subject: [118021] Homebrew rx design  
Message-ID: <20020122140949.38109.qmail@web14609.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

I'd appreciate any help on where I might find info on  
receiver circuits using an H mixer with FST bus  
switches.

Tnx/73,  
Barry N1EU

-----  
Do You Yahoo!?  
Send FREE video emails in Yahoo! Mail!  
<http://promo.yahoo.com/videomail/>  
-----

Date: Tue, 22 Jan 2002 09:15:41 -0500

From: Timothy.Urban@wc.ey.com  
To: qrp-1@Lehigh.EDU  
Subject: [118022] FS: Heathkit HW-9 station, HW-8  
Message-ID: <0FF751776E.5040036E-0N85256B49.004DCBF0@ey.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: quoted-printable

For quick sale at low prices (to pay for K2 options): =A02 qrp rigs:

HW-9: =A0with WARC bands installed; matching separate speaker; matching=  
separate SWR/wattmeter; & matching separate antenna tuner. =A0Comes wit=  
h  
Heathkit manual for the antenna tuner.

HW-8: =A0with matching power supply and Heathkit manual.

No irregular mods on either rig. =A0Please contact me directly at  
timothy.urban@wc.ey.com for details, etc.

73,

Tim Urban  
KA3POY

-----  
The information contained in this message may be privileged and  
confidential and protected from disclosure. If the reader of this mess=  
age  
is not the intended recipient, or an employee or agent responsible for  
delivering this message to the intended recipient, you are hereby notif=  
ied  
that any dissemination, distribution or copying of this communication i=  
s  
strictly prohibited. If you have received this communication in error,  
please notify us immediately by replying to the message and deleting it=  
from your computer. Thank you. Ernst & Young LLP=

-----  
Date: Tue, 22 Jan 2002 09:18:58 -0500 (EST)

From: baltimoremd@baltimoremd.com  
To: W2AGN <w2agn@pobox.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [118023] Re: Since I am not wanted here....  
Message-ID: <20020122090711.G36185-100000@unix1.vhost.min.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 22 Jan 2002, W2AGN wrote:

> Congratulations Boliver. That was a very dramatic exit. Worthy of an Academy  
> award. I am sure all those mean list members are ashamed they didn't let you  
> play, just because you were only a Tech, or whatever.

Amazing, ain't it? The Cry Babies actually think their "I'm quitting:  
This List,  
QRP,  
QRO,  
Ham Radio

messages will:  
Change one of the above,  
Generate Apologies,  
Make others feel guilty

Now, wonder how many of them stay connected to:  
See us grovel  
Count the number of begs to stay  
Gather ammunition for a possible "I said I was quitting, but....."

Thom

baltimoremd@baltimoremd.com  
<http://www.baltimoremd.com/>  
<http://www.baltimorehon.com/>  
<http://www.zerobeat.net>

Thom LaCosta K3HRN Webmaster  
Baltimore's Home Page  
Home of the Baltimore Lexicon  
Home of The QRP Web Ring  
and Drake Mail List Pages

-----  
Date: 22 Jan 2002 09:27:09 EST  
From: BOB MASON <skydive@usa.net>  
To: qrp-1@Lehigh.EDU  
Subject: [118024] Any thoughts on DSP??  
Message-ID: <20020122142709.16202.qmail@cpdv202.cms.usa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: quoted-printable

Greetings,

I'm new to the list, but have been involved with QRP on and off for about=30 years ( often through lack of other choices ).

After my most recent home brew 40 CW QRP rig produced somewhat "underwelming" results (The "Godzilla 1 transmitter fine, but the receiver was useless)= I bought a OHR-100A.

I love the radio ( emphasis on the receiver ). I have found that my modified Ramsey AF-1 does help quite a bit even with the OHR's narrow bandwidth. = Now I'm thinking about trying a DSP unit of some sort.

I have no experience with DSP, which are good, but, or just ugly. Any recommendations or thoughts greatly appreciated.

73  
Bob WB8CAC

CW FOREVER

-----  
Date: Tue, 22 Jan 2002 09:36:42 -0500  
From: W2AGN <w2agn@pobox.com>  
To: baltimoremd@baltimoremd.com,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [118025] Re: Since I am not wanted here....  
Message-ID: <02012209364212.02394@CC2289974-A>  
Content-Type: text/plain;  
 charset="iso-8859-1"  
MIME-Version: 1.0  
Content-Transfer-Encoding: 8bit

On Tuesday 22 January 2002 09:18, baltimoremd@baltimoremd.com wrote:

>  
> Now, wonder how many of them stay connected to:  
> See us grovel  
> Count the number of begs to stay  
> Gather ammunition for a possible "I said I was quitting, but....."

>  
> Thom

--

Maybe we should have a contest. I think a certain YL has the record so far for "quitting" the list, but after being begged by her "friends," relenting and staying. I believe it is up to 3 times, maybe 4.

-----  
John L Sielke W2AGN  
w2agn@pobox.com  
<http://www.qsl.net/w2agn>  
Trustee: W3IYQ

-----  
Date: Tue, 22 Jan 2002 09:41:53 -0500  
From: W2AGN <w2agn@pobox.com>  
To: Boliver Allmon <Boliver.Allmon@HALLIBURTON.com>,  
    '"W2AGN'" <w2agn@pobox.com>,  
Subject: [118026] Re: Since I am not wanted here....  
Message-ID: <02012209415314.02394@CC2289974-A>  
Content-Type: text/plain;  
    charset="iso-8859-1"  
MIME-Version: 1.0  
Content-Transfer-Encoding: 8bit

On Tuesday 22 January 2002 08:43, Boliver Allmon wrote:  
    So you did not completely  
> accomplish your goal of limiting the world of Ham radio to the  
> elite.  
>  
> > Boliver Allmon

Damn! Better luck next time!

--

-----  
John L Sielke W2AGN  
w2agn@pobox.com  
<http://www.qsl.net/w2agn>  
Trustee: W3IYQ

Date: Tue, 22 Jan 2002 09:39:36 -0500  
From: "AI2Q Alex" <ai2q@adelphia.net>  
To: <SUpton@ALLEGROMICRO.com>,  
    "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>  
Subject: [118027] RE: Short vertical antenna questions  
Message-ID: <000001c1a352\$9e3c9220\$6401a8c0@alex>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Shawn:

The trick with physically short verticals that are bottom fed is to get the loading coil up as high as possible. I had a pair of short verticals here that had the loading coil about 2/3rds of the way up, and that was supplemented by capacitive loading (a top-hat made from aluminum from an old music stand). They worked as well as the full-sized 1/4-wave verticals that now replace them.

The current-fed (low-Z) vertical has its current node at the bottom, so you really don't want to introduce a resistively lossy coil at that point. Move it up as far as is physically possible is my suggestion. I also like the old Hustler mobile whips for the same reason; they're center-loaded.

I found that I could put my lumped inductance and/or capacitance almost anywhere, as long as appropriate adjustments were made. My music stand top-hat wasn't at the very top, and I could adjust it by bending its rods at various angles to the vertical radiator (which was aluminum tubing).

GL es 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Upton, Shawn  
Sent: Tuesday, January 22, 2002 8:29 AM  
To: Low Power Amateur Radio Discussion  
Subject: Short vertical antenna questions

Ok, I'm finally building something. We'll see how it turns out. I plan on building a cheapo, easy to construct and take down, vertical. I have a small tripod that I want to use as the base, but the tripod won't take much to topple if the weight is located much above it. I have a nice, homemade 12 turn 4" diameter inductor to use as the loading coil, and I bought one of

those 72" RS telescoping whips to top it all off. In the end, I think I will have about 100" of radiator. The feedpoint for this setup looks to be about 2 feet off the ground. I know it won't be great on 80m, but I'd like it to at least load up on that band.

1. Would I gain any efficiency by locating the loading coil a foot or two up from the feedpoint? Or would it be minor gains? [As in, would I gain 1% on an antenna that is, say 40% efficient; or would I gain 1% on an antenna that is 3% efficient?]

2. Since the feedpoint is so low to the ground, and I plan on draping the counterpoises on the ground anyhow, length isn't so critical, right?

3. I know I have a construction article somewhere on this, but for the loading coil--I'd assume to install it so that normally, max inductance was inline with the antenna, and I use a jumper to shorten the inductor to tune the antenna, right?

Thanks.

Shawn Upton, KB1CKT

-----  
Date: Tue, 22 Jan 2002 09:57:46 -0500  
From: "Kwik, Ed " <ed.kwik@delphiauto.com>  
To: "QRP-L (E-mail)" <qrp-l@lehigh.edu>  
Subject: [118028] Michigan QRP Net tonight  
Message-ID:  
<9F176F70FD71AC48AFC36F879D2B84E301B06F20@tryexch01.NorthAmerica.DelphiAuto.net>  
content-class: urn:content-classes:message  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

The Michigan QRP Net meets each Tuesday night at 9:00 Eastern Time on 3.535 MHz. Last week we had ten check ins. Conditions were good. Had DX check ins from Thunder Bay, ON and Monument, CO. I skipped over Buck again. Why do I keep doing that? Hope to see you all this week.=20  
Ed AB8DF=20

N8UN	579 599	EAST JORDAN	MI ED=20
W8IQB	599 599	BRISTOL	MI LOWELL=20
K8DD	599	LAPEER	MI HANK=20
N3WT	579 589	JEFFERSON	MD JOHN=20



N8CQA 599 ROYAL OAK MI BUCK=20  
K8CV 599 569 ROYAL OAK MI WALT=20  
W8EGI 579 599 EAST LANSING MI DON=20  
N0TU 339 559 MONUMENT CO STEVE=20  
K8JRO 599 589 FLINT MI JERRY=20  
VE3FAL 569 579 THUNDER BAY ON FRED=20

-----  
Date: Tue, 22 Jan 2002 09:00:31 -0600  
From: "George, W5YR" <w5yr@att.net>  
To: baltimoremd@baltimoremd.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [118029] Re: Since I am not wanted here....  
Message-ID: <3C4D7E8F.8EC596E3@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I have found that folks with a sincere, justified complaint just leave - period.

72/73/oo, George W5YR - the Yellow Rose of Texas  
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe  
Amateur Radio W5YR, in the 56th year and it just keeps getting better!  
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771  
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All outgoing email virus-checked by Norton Anti-Virus 2002

baltimoremd@baltimoremd.com wrote:

>  
> On Tue, 22 Jan 2002, W2AGN wrote:  
>  
> > Congratulations Boliver. That was a very dramatic exit. Worthy of an Academy  
> > award. I am sure all those mean list members are ashamed they didn't let you  
> > play, just because you were only a Tech, or whatever.  
>  
> Amazing, ain't it? The Cry Babies actually think their "I'm quitting:  
> This List,  
> QRP,  
> QRO,  
> Ham Radio  
>  
> messages will:  
> Change one of the above,

> Generate Apologies,  
> Make others feel guilty  
>  
> Now, wonder how many of them stay connected to:  
> See us grovel  
> Count the number of begs to stay  
> Gather ammunition for a possible "I said I was quitting, but....."  
>

-----  
Date: Tue, 22 Jan 2002 08:51:59 -0700  
From: "Brian P. Mileschosky" <n5zgt@swcp.com>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [118030] Changes to QST  
Message-ID: <002f01c1a35c\$baed09e0\$e104b8d8@hlw11>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Folks,

Last week I gave you a heads up regarding the ARRL's desire to change some parts of QST. I actually got many emails from QRPers showing their displeasure in some of the changes (though I'm just a member of the ARRL like many of you....just the messenger!)

Below, in an email from my Division Director, are some of the changes that are seriously going to be considered over the next 6 months by the League leadership - eliminating the Contest news and results, and the Section Manager news from the magazine and making them available only on the web. These changes in an excellent magazine are being made because the League needs to save money, one year after raising member dues.

Regardless of your stance, I urge ARRL members (and general QST readers alike) to comment to their Division Directors, and the leadership of the League. Their contact information, including email addresses, can be found in your latest issue of QST, or <http://www.arrl.org/divisions/> and <http://www.arrl.org/officers.html>

Just an FYI...

72,  
Brian, N5ZGT

----- Original Message -----

From: Walton Stinson <wstinson@listenup.com>

Dear Fellow League Members,

A proposal to change the way we publish section news and contest line lists was presented by K1R0, QST publisher, and K1ZZ, Executive Vice President of the League, eight weeks ago at a meeting of the Administration and Finance Committee, which I chaired. The committee was persuaded by the rationale behind this proposal and voted to recommend its adoption at the January board meeting. The proposed changes will improve section news and contest coverage, free up editorial space in QST for items of greater general interest, and save money that can be spent on more pressing matters, like protecting our frequencies and our right to put up antennas.

There are many more compelling reasons to support the proposal. However, due to the nature of the changes, the way the information got out ahead of the explanation, and the concerns expressed by some members, the board decided to wait until July to act on the recommendation. Perhaps by then, people will have a chance to cool down, get the information they need, and maybe even feel comfortable that this is actually a good thing. In the meantime, in a gesture of leadership and commitment, the board voted to relocate its meeting minutes from QST to the Web.

Our editors are asking to publish "special interest" information on the Web site so that QST can be a better general interest magazine and be published more economically. Section News and contest line listings consume 176 pages per year, enough to fill an entire issue. The marginal cost of publishing this information in QST is about \$100,000 a year (not including mailing). There's no doubt that section news has readers (I am one of them- and I read line scores, too!). That's not at issue. The problem is that few people, if any, read the entire section news. Just 27% read it at all. Most read just one or two of the 71 section reports. For example, we print 1.7 million copies of the Colorado Section News each year for about 3,000 members (as well as 1.7 million copies of the Virgin Island Section News for 77 members!). We print 30 million pages a year lines scores and Section News. That's a monumental waste of League resources.

Contest line listings are also of large interest to a small group. There are those who argue that a call listing in QST is the primary means of recruiting new testers. I agree with the QST editorial staff that general interest coverage of contest events is a better way to promote activity. Moreover, testers as a group are already heavy users of the Web.

The board and its management team have set some big goals for the League:

1. Attract young people to amateur radio.
2. Protect our frequencies from commercial interests.
3. Make it easier for us to put up antennas.

We need your support and encouragement to improve our efficiency so that we can do a better job of funding these pressing issues. We are asking you to accept a few changes along the way to help us address the priorities of the organization.

Let me to set the record straight. No one is arguing that section news or contest line scores are no longer important, or that these activities will no longer be covered in QST. Board level support of these activities is as strong as ever. We simply have a better, cheaper and faster way to deliver targeted section information and contest score lists than we had 30 years ago. To get a taste of it, go to the Web, click on your section in the upper right, and check out what has already been done by your section manager. To see a bit of the great potential of this new service, check the Santa Clara Valley section. Section Managers now have virtually unlimited space to upload timely information as well as photos and data tables. Also, check out our contest results in PDF (with searchable data files on the way).

Whether you feel strongly or not, one way or the other, drop a note or an e-mail to your division director and let him know your views.

73, Walt Stinson, W0CP

ARRL Director (RM)

-----  
Date: Tue, 22 Jan 2002 10:48:51 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: SUpton@ALLEGROMICRO.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [118031] Re: Short vertical antenna questions  
Message-ID: <3C4D89E3.283AD920@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Shawn,

It sounds like what you are trying to build is very similar to the old

Gotham type verticals; these were just a loaded end fed antenna. The fast they were installed vertically was mostly incidental!

The "loading coil" should be attached directly to the base of the antenna. Do not ad any space between the antenna and coil or it probably will not work as well.

Second, Use a counterpoise, or radials. Lay them on the ground at the base of the tripod and connect them to the other side of the feedline. Make sure the losses are low! They do not have to be resonant if they are on the ground.

I presume you will use coax feedline. Open wire will have its own problems, especially in running out to the antenna.

Test your antenna with low power. Adjust the coil for minimum SWR, and plan on it not covering all bands!

73

-----  
Date: Tue, 22 Jan 2002 10:56:24 EST  
From: <duffy01@fuse.net>  
To: Boliver.Allmon@HALLIBURTON.com, qrp-1@Lehigh.EDU  
Subject: [118032] RE: Since I am not wanted here....  
Message-ID: <20020122155625.YSBY970.mta02.fuse.net@[216.68.1.124]>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Bolivar,

One thing I have learned over the years on any of these lists, is that you better have a thick skin. I don't care if it a ham radio list or a list for some other hobby. Granted the list posts and interaction on this particular list is not as good as it was two years ago. And just because you do not get a reply to your question does not mean people are ignoring you. Did you ever think it may mean that someone does not have the answer? Cheer up, suck it up, and stop whining.

Cheers!

Duffy

>  
> From: Boliver Allmon <Boliver.Allmon@HALLIBURTON.com>  
> Date: 2002/01/22 Tue AM 08:43:10 EST  
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
> Subject: RE: Since I am not wanted here....

>  
> Personally, I think you ought to be banned from the list. I did  
> a review of the posts that you have made and most are flames.  
> It is people like you who run people off from this hobby. When  
> those of us who are wanting to gain knowledge and improve  
> our understanding are belittled, why should we stay? I am not  
> leaving the hobby, just the list. So you did not completely  
> accomplish your goal of limiting the world of Ham radio to the  
> elite.  
>  
> > Boliver Allmon  
> >  
> >  
> > \*Phone: 713-753-7667  
> > \*Location: KT1942C  
> > \*e-mail: Boliver.Allmon@Halliburton.com  
> >  
> >  
> >  
> > -----Original Message-----  
> > From: W2AGN [SMTP:w2agn@pobox.com]  
> > Sent: Tuesday, January 22, 2002 7:32 AM  
> > To: Boliver Allmon; Low Power Amateur Radio Discussion  
> > Subject: Re: Since I am not wanted here....  
> >  
> > On Tuesday 22 January 2002 08:01, Boliver Allmon wrote:  
> > > I am going to unsubscribe to the list. Based on some off the list  
> > > emails and the lack of response to any of my posts, I must assume  
> > > that I am not wanted here. Since I do not yet have a General or better,  
> > > apparently I am too stupid to be a part of this group.  
> > >  
> > > Good bye  
> > >  
> > > > Boliver Allmon, KC5PCS  
> >  
> > --  
> >  
> > Congratulations Boliver. That was a very dramatic exit. Worthy of an  
> > Academy  
> > award. I am sure all those mean list members are ashamed they didn't let  
> > you  
> > play, just because you were only a Tech, or whatever.  
> >  
> > Did you ever consider it might not be your license class, but YOUR lack of  
> >  
> > class?  
> >  
> >

> > (  
> >  
> > -----  
> > John L Sielke W2AGN  
> > w2agn@pobox.com  
> > http://www.qsl.net/w2agn  
> > Trustee: W3IYQ  
>

-----  
Date: Tue, 22 Jan 2002 10:56:48 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: frussle@erols.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [118033] Re: Short vertical antenna questions  
Message-ID: <3C4D8BC0.7738F76D@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Jake,

Dr. Sevick did some seminal work on short vertical antennas, it is true. It is worth reading, that is also true. But Dr. Sevick was talking to special cases.

Yes, he did use an 8 foot vertical. BUT, he used a top hat that was the size of a lawn umbrella. He also placed a ground mat under his antenna that was made up of copper wire in a criss cross pattern, and extended over a large area. And his baluns were not simple loading coils, they were matching devices.

What Shawn wants is a simple antenna that might work. Dr. Sevick's antennas could never be called simple though they did work very well.

73

-----  
Date: Tue, 22 Jan 2002 11:13:00 -0500  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <Boliver.Allmon@HALLIBURTON.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [118034] Re: Since I am not wanted here....  
Message-ID: <006401c1a35f\$abd0e820\$0600a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Actually, if you have a complaint, voice it. If someone fired some venom at you, fire back. And if someone was an idiot (and I have my own opinion there) make sure they know it.

But the 'quitting the list' argument just doesn't wash. Especially when you come right back with another retort. Yes, he's an idiot, and yes, you probably got some harsh emails, but please handle them directly if they were direct. If they were on the list, well, maybe even feel justified with one 'return fire' and then 'go private'. But no more 'quitting the list' post, please.

Mike

-----  
Date: Tue, 22 Jan 2002 11:16:58 -0500  
From: John Wagner <john@wagner-usa.net>  
To: unlisted-recipients;; (no To-header on input)  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [118035] Re: Changes to QST  
Message-ID: <3C4D907A.190403CB@wagner-usa.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Just my opinion;

It makes sense to me that the ARRL would have a need to save money. The ARRL, like any other organization in the world today, is faced with the challenge of perpetually increasing costs to provide their service/product. The ARRL continues to manage this problem very well and manages to please most of its members most of the time.

The choices are simple;

1. Raise more money. They raised the dues and are conducting drives to raise even more money. If you don't like paying more money, don't, but



don't be surprised if you find yourself without an organization to represent your interests with lawmakers who are being pressured to give away your radio spectrum to businesses with money to burn on lobbying.

2. Cut costs. The reply (that I snipped) said \$100,000 would be saved annually by not publishing the contest results and SM news. Given your choice, what would you rather see cut out of QST? If you answered "NOTHING!" then ask yourself how much more you're willing to pay - if you answered "NOTHING!" again, then you're kidding yourself.

I'm amazed at how well the ARRL continues to serve such a diverse group of people.

73,

John, N1QO

"Brian P. Mileschosky" wrote:

>

> Below, in an email from my Division Director, are some of the changes  
> that are seriously going to be considered over the next 6 months by the  
> League leadership - eliminating the Contest news and results, and the  
> Section Manager news from the magazine and making them available only on the  
> web. These changes in an excellent magazine are being made because the  
> League needs to save money, one year after raising member dues.

>

--

John Wagner - john@wagner-usa.net

Web page: <http://www.neknetwork.com>

-----

Date: Tue, 22 Jan 2002 11:16:44 -0500

From: "Mike Yetsko" <myetsko@insydesw.com>

To: <duffy01@fuse.net>,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [118036] Re: Since I am not wanted here....

Message-ID: <006e01c1a360\$30dd9360\$0600a8c0@charter.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I think on an objective note, this list sometimes falls into the behavior of a

open debate as opposed to a general discussion forum. And while most debates are polite, they all seem to have an underlying 'confrontational tone' that we should recognize. I think some people don't recognize that

and tend to take some of the fire in the responses as personal attacks.

Then again, I'm sure there are a few personal attacks as well.

Thing is,. this is just a list! Roll with the flow, and if you don't like the flow,  
just stay out of it. But if you insist on jumping in, then be prepared to get  
wet!

Mike

-----  
Date: Tue, 22 Jan 2002 16:32:30 +0000  
From: Paul Kiciak <pkiciak@att.net>  
To: n1eu@yahoo.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [118037] Re: Homebrew rx design  
Message-ID: <3C4D941E.A160028C@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Barry,

Not sure if you're looking for more than the mixer, but  
here's a URL for a description of Colin Horrabin's H-mode  
mixer using bus switches:

<http://www.geocities.com/CapeCanaveral/Lab/9595/fst3125.html>

Bus switch versions, as well as Colin's SD5000  
implementation, have also appeared in several issues of  
RadCom.

--  
73, Paul  
---

<http://home.att.net/~n2pk>

-----  
Date: Tue, 22 Jan 2002 16:40:46

From: "Frank Ilardi" <ilardi@hotmail.com>  
To: qrp-l@lehigh.edu  
Message-ID: <F18IfWb4SaFMwr9y4cp00008379@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/html

```
<html><div style='background-color:'><DIV></DIV>
<DIV></DIV>
<P>This is in response to the many who wrote regarding my query about headphone
suggestions.</P>
<P>It seems that these are the most important points from those exchanges:</P>
<P>1) Comfort and light weight are very important. check for cutting out ambient
noise, ie good fit.</P>
<P>2) You do not need expensive stereo headphones, and in fact they cause hiss.
Frequency response should be in the communications range, not necessarily higher
(200-10000KC)</P>
<P>3) even older type earphones can do a very good job.. even very very old ones on
occasion.<BR><BR>I thought the list might appreciate a summary.<BR></P>
<P>Frank AL7LV, Anchorage</P>
<DIV></DIV>
<DIV></DIV>
<DIV></DIV></div><br clear=all><hr>Chat with friends online, try MSN Messenger: <a
href='http://go.msn.com/bql/hmtag1_etl_EN.asp'>Click Here</a><br></html>
```

-----

Date: Tue, 22 Jan 2002 11:34:22 -0500  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: qrp-l@lehigh.edu  
Subject: [118039] Re: Short vertical antenna questions  
Message-ID: <3.0.6.32.20020122113422.007a4760@mailhost.ncia.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I was in Wal-Mart last night and noticed the aluminum 4 foot extendable to 8 feet, replacement tent pole was back on the rack in the camping supply area, so I bought one, since it's under \$6.00.

I figure on making a 20 M vertical with it, with a center loading coil, since that's the easiest place to put it. Just need to find a suitable center insulator, maybe just a wood dowel for now and some way to support it, maybe just a PVC sleeve to pile rocks around.

Hopefully, this will be my "above or near tree line" antenna, although it is a little long at 4 feet and a tad heavier than I'd ideally like to carry.

Steve, KD1JV  
"Melt Solder"  
White Mountians of New Hampshire  
<http://www.qsl.net/kd1jv/>

-----  
Date: Tue, 22 Jan 2002 10:38:19 -0600  
From: Robert McAtee <w5tnj@camalott.com>  
To: qrp-l@Lehigh.EDU  
Subject: [118040] bag pipes on 14.040  
Message-ID: <3.0.3.32.20020122103819.006ad904@mail.camalott.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Im gonna tag on to John's qso here.  
I make it a habit of tuning on the QRP freq's while answering mail and browsing. Today, Monday 21st, I turned on the receiver and thought what the heck are bagpipes doing on 14.040? When my ears got atuned to it I realized it was zillions of call signs!! No qso's what so ever. Same call signs over and over again and again. Up band, down band repeated call signs. All appeared to be memory keyer generated at 40 or so WPM. Finally it hit me. It's a contest to see who's memory keyer sending their call sign will outlast the other zillions on frequency. Great contest as contests go but couldn't stand the racket so I dont know whos memory keyer won. Any body know???? ==Mac== AG5F

John W2AGN HAS SPOKE:  
Been listening for last several days for VP8THU. He has pileups spread over 50 khz of whatever band he is on, but I have yet to hear him. It is an education listening to the pile-up. I always thought W/K DXers were the rudest, but I listened to an I2 call over and over on the DX frequency, when he was, and has been listening 5 or more up. This guy called 10 times, before even standing by. After several minutes of this, he then called CQ on the frequency. Now I hear other Europeans calling CQ on top, in spite of being told "QRL, pse QSY."

What a zoo! Much worse than D68C or 3G0Y. Anybody work him QRP?

--  
-----  
John L Sielke W2AGN  
w2agn@pobox.com  
<http://www.qsl.net/w2agn>  
Trustee: W3IYQ  
-----

Date: Mon, 21 Jan 2002 17:02:39 -0600  
From: Robert McAtee <w5tnj@camalott.com>  
To: qrp-l@lehigh.edu  
Subject: [118041] I got the deep-cycle blues!  
Message-ID: <3.0.3.32.20020121170239.006ad904@mail.camalott.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Dave/Bruce, been there done that. Used old jell cells out of fire alarm panels at local hospital. I used two methods when they wouldn't take current. Using a variable transformer, (variac), and a diode in series with an ammeter I'd keep pumping up the voltage and it would start to trickle charge. However you must monitor it closely cause it will go into run away at some point and charge like the devil. The thumping also works on some lead acid as well as ni-cads. Wonders never cease.... ==Mac== AG5f

Bruce,

The company where I worked used small (6V,1Ah) gel cells in an old product, and we found that batteries that sat around unused would do that. I also discovered (accidentally, as I am prone to be) that a battery in that state subjected to mechanical shock (in my case, dropped on the floor) would begin to draw charging current. Finally I got to where I'd just rap the battery on the benchtop, and it would usually come back.

Not as simple a solution for your beast, but a decent (not too strong) thump on the table might get it to start charging.

I've heard claims that hooking it up to charge and leaving it for a long time (a couple days maybe?) it'll eventually come around, but I haven't done it myself.

Dave

-----  
Date: Tue, 22 Jan 2002 11:47:42 -0500  
From: Tom Mc <tjmc@erols.com>  
To: QRP-L <qrp-l@lehigh.edu>  
Subject: [118042] Uses for MFJ analyzer???  
Message-ID: <3C4D97AE.126EE604@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Ok group...

I have this wonderful MFJ unit sitting here... and have used it enough on many antennas that I don't feel bad abt the outlay for it.

But; I WANT MORE!

So looking for new tips/tricks/ideas on how others use theirs. There are prob many on the group that also have one but never use it to its full potenial ( sort of like the options on the vcr :) )

Like how to test rez freq of tank curcuits, etc..... whatever.

tk's in advance  
Tom aa2vk

--

```
*****
*   Member of NORCAL, NJQRP, LIQRP, HFPAck  *
*               K2 #1213                      *
* LIQRP Web Page: www.erols.com/tjmc/liqrp *
*   Personal web page : www.erols.com/tjmc  *
*****
```

-----

Date: Mon, 21 Jan 2002 23:17:27 -0800  
From: Dan Presley <talljazz@teleport.com>  
To: qrp-l@lehigh.edu  
Subject: [118043] the true joy of qrp  
Message-ID: <p05010413b872c15eb06a@[209.239.211.119]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Was up late (0600) tuning around 40 and ran into K5HK, who was maritime mobile QRPp at 500 mW somewhere near Hawaii. It was a bit tough with qsb, but this is the kind of qso that really makes it all fun. It's also a good listening challenge to dig stuff like this out. Anybody know more info on his boat/route and gear? If you're a nightowl, you might listen around 7038, which is where he was- 'tuna tin fishing'? :)

--

Dan Presley-N7CQR-Portland, Or QRP-L #502  
n7cqr@arrl.net

-----

Date: Tue, 22 Jan 2002 12:14:14 -0500  
From: Dave Leduc <k1epj@aol.com>  
To: qrp-l@Lehigh.EDU  
Subject: [118044] RE: Uses for MFJ analyzer???  
Message-ID: <3C4D9DE6.239E17AA@aol.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I use mine as an antenna tuner tuner.  
Dial in the frequency that I am going to transmit on and  
tune the tuner for lowest SWR.  
Dave K1EPJ

-----  
Date: Tue, 22 Jan 2002 12:24:50 -0500  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: qrp-l@lehigh.edu  
Subject: [118045] Re: Short vertical antenna questions  
Message-ID: <3.0.6.32.20020122122450.007ad100@mailhost.ncia.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Errr, I just found out by accident the adjustable tent poles from Wal-Mart  
are made of steel! Though they were a bit on the heavy side. Oh well, guess  
they will do to play around with some..

72,  
Steve, KD1JV  
"Melt Solder"  
White Mountians of New Hampshire  
<http://www.qsl.net/kd1jv/>

-----  
Date: Tue, 22 Jan 2002 09:27:06 -0800 (PST)  
From: N1EU <n1eu@yahoo.com>  
To: qrp-l@lehigh.edu  
Subject: [118046] Re: Homebrew rx design  
Message-ID: <20020122172706.57850.qmail@web14608.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Additional food for thought - I came across the info copied below after posting my original message. This was an anonymous review on EHam's Web site at <http://www.eham.net/reviews/detail/433>

Still hoping for more of a "how-to" approach. I'm pretty handy with an iron or scope probe, but somewhat clueless with original design.

Tnx/73,  
Barry N1EU

"I bought second hand my IC751 (not the 751A) in Scotland. It had a faulty pre-driver(TX). I believe it is one of the best RTX produced. I am one of those that tried to build his own RTX but due to "not available time" had to go "black boxes". I had applied a few mods to it but recently I modified the third receiver mixer (9.01 MHz to 455 kHz). This is a Dual Gate Mosfet. I wanted to experiment with the H-mode mixer (G3SBI) using the Fast Bus Switches as my own idea (See various reports on Technical Topics, by G3VA (RadCom - RSGB). Not being able to get hold of some FST3125, I decided to experiment the same circuit using the 74HC4066 and its associated driver 74HC86. The change was not too difficult. Only three cuts on the Main PCB. I had to add a JFET buffer to adapt the 2nd IF output amplifier (9.01 MHz) to the H-mode mixer. I used the old DG MOSFET as post-mixer amplifier to drive the 455 kHz xtal filters. I was shocked by the results. I discovered a very high drop of RX noise. Now, when I switch from no antenna (no termination) to antenna (a simple I7SWX windom 10 to 40 meters installed on a small terrace and held up by 2 fishing fiber rods) I do get the real bands noise, not the front end one. On 7 MHz, in Europe the Broadcasts are very strong, before I had my Smeter that was always around S6-8, now it goes to zero index. I have been listening to W stations for the first time. I was even able to work 10 during a recent SSB contest. Well, I was so exited I could not sleep the first night, hi! I was able to arrange, thanks to Maurice F5NRZ, a test to measure the IP3. We used an HP and a Schlumberger signal generators, a combiner good to GHz, a Rhode & Schwarz attenuator (GHz) and no low-pass or band-pass filters. Test was done at 14.200 & 14.220 at -10 dBm. We followed KI6QP method (QEX



April 1995). The IP3 values detected are as following:  
IC751 without preamplifier = +20dBm with rf  
preamplifier = +15dBm without pre-amp and attenuator  
inserted = +29dBm. The attenuator value is -20dB. To  
measure this value we had to increase both generators  
signal to 0dBm. Probably this value takes into account  
some IP3 generated before the transceiver. This is an  
important change. Certainly, using the FST 3125 I  
could have at least +3 to +5dBm higher IP3 figures.  
Now, as soon as possible, I will apply the mod to the  
1st mixer (HF to 70 MHz). This time I will use the  
FST3125 (the mixer is ready). For people interested on  
the improvement of a transceiver or RX, the H-mode  
mixer is recommended, even using the 74HC4066 (for the  
last mixer). A more detailed report and circuit  
diagram should appear on Technical Topics. Complete  
technical article is expected to be published, as soon  
as completed, on Italian, US, French and possibly  
other Ham Radio Magazines. This will report, also,  
possible suggested mods to other equipment. I am  
enjoying my IC751 like never before. The signals I do  
listen on all bands, with preamp on, are there when I  
switch it off and also with the attenuator inserted. I  
am able to copy low signals in presence of strong  
nearby stations. Sorry but I will not sell it! 73 Gian"

-----  
Do You Yahoo!?

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<http://promo.yahoo.com/videomail/>

-----  
Date: Tue, 22 Jan 2002 12:28:48 EST  
From: WE7X@aol.com  
To: tjmc@erols.com, qrp-1@lehigh.edu  
Subject: [118047] Re: Uses for MFJ analyzer???  
Message-ID: <f5.15b74fbc.297efb50@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Tom and the group.

I recall that the manual had some info on other uses, and MFJ used to sell  
an inexpensive set of coils to use it as a dip meter.

In my files somewhere I have a book sold by MFJ on antenna measurements  
etc. As I recall there were several suggestions for the then current version  
of the antenna analyzer.

I'll see what I can find and report back.

-----  
Date: Tue, 22 Jan 2002 12:34:44 -0500  
From: W2AGN <w2agn@pobox.com>  
To: Caitlyn Martin <caitlynmaire@earthlink.net>, w2agn@pobox.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [118048] Re: Since I am not wanted here....  
Message-ID: <0201221234441C.02394@CC2289974-A>  
Content-Type: text/plain;  
charset="iso-8859-1"  
MIME-Version: 1.0  
Content-Transfer-Encoding: 8bit

On Tuesday 22 January 2002 07:21, Caitlyn Martin wrote:

> Hi, John,  
>  
> > Did you ever consider it might not be your license class, but YOUR lack  
> > of class?  
>  
> Thank you for such a constructive and encouraging post. Gee, this is  
> one area I really do believe you are an expert in.  
>  
> -Caity

--

Thank you, dear.

-----  
John L Sielke W2AGN  
w2agn@pobox.com  
<http://www.qsl.net/w2agn>  
Trustee: W3IYQ  
-----

Date: Tue, 22 Jan 2002 12:43:42 -0500  
From: KKANALZ@prodigy.net  
To: <tjmc@erols.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [118049] Re: Uses for MFJ analyzer???  
Message-ID: <AA-8F8312B8304DF0C1D2BB8BB10D5B0821-ZZ@maillink1.prodigy.net>

What's the model number of your MFJ "analyzer", Tom?

Over the years, MFJ has made many "analyzers" for

antennas....

Karl K - W8TIF

McKinney, Texas

--- Original Message ---

From: Tom Mc <tjmc@erols.com>

To: "Low Power Amateur Radio Discussion" <qrp-  
l@Lehigh.EDU>

Subject: Uses for MFJ analyzer???

>

>Ok group...

>

>I have this wonderful MFJ unit sitting here... and  
have used it enough

>on many antennas that I don't feel bad abt the outlay  
for it.

>

>But; I WANT MORE!

>So looking for new tips/tricks/ideas on how others  
use theirs. There are

>prob many on the group that also have one but never  
use it to its full

>potential ( sort of like the options on the vcr :) )

>

>Like how to test rez freq of tank curcuits, etc.....  
whatever.

>

>

>tk's in advance

>Tom aa2vk

>

>

>--

> \*\*\*\*\*

> \* Member of NORCAL, NJQRP, LIQRP, HFPAck \*

> \* K2 #1213 \*

> \* LIQRP Web Page: [www.erols.com/tjmc/liqrp](http://www.erols.com/tjmc/liqrp) \*

> \* Personal web page : [www.erols.com/tjmc](http://www.erols.com/tjmc) \*

> \*\*\*\*\*

-----  
Date: Tue, 22 Jan 2002 18:55:20 +0100

From: "Ingo, DK3RED" <dk3red@t-online.de>

To: QRP-L <qrp-l@lehigh.edu>

Subject: [118050] Re: Uses for MFJ analyzer???  
Message-ID: <3C4DA788.35DD9510@t-online.de>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello Tom,

> But; I WANT MORE!

See in the manual for more!

<http://www.mfjenterprises.com/man/pdf/MFJ-259B.pdf>

--

72/73 de Ingo, DK3RED ( Don't forget: the fun is the power ! )  
dk3red@t-online.de [www.qsl.net/dk3red](http://www.qsl.net/dk3red) [www.t-online.de/~dk3red](http://www.t-online.de/~dk3red)  
DL-QRP-AG #824 (German QRP Activity Group) [www.dl-qrp-ag.de](http://www.dl-qrp-ag.de)

-----  
Date: Tue, 22 Jan 2002 12:12:28 -0500  
From: "Mike Boatright" <ko4wx@mindspring.com>  
To: <w4rh@arrl.org>  
Cc: <qrp-l@lehigh.edu>, <w4ru@arrl.org>  
Subject: [118051] Changes to QST  
Message-ID: <NFBBIILMKMIILGKAJMBLGEDMCDA.ko4wx@mindspring.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Frank,

Just a quick note to say thanks for all that you do for the ARRL and for the Southeastern Division, and to cast a vote of support in favor of the proposal by K1RO and K1ZZ and recommended by the Administration and Finance Committee to change QST (changing how section news and contest scores are reported).

While I am among the 27% who read SM reports, I am also one of the many who only read one or at most two of the reports (but I ALWAYS read Sandy's reports!). QST has a long history of being responsive to changes in amateur radio technology, amateur interests, and operating activities. It also has a long history of maintaining fiscal responsibility, which I'm sure many League members, like myself, appreciate--especially during difficult economic times.

The League has done an EXCELLENT job of building and maintaining the members' website and I have personally written articles for it in the past. Taking the recommended actions (moving these reports to the members only section) in no way diminishes these reports--in fact, they are likely to improve service to the membership by getting this information out sooner. I personally appreciated being able to access the results of Field Day last year (albeit, not a contest) several weeks before they appeared in print.

I don't often send letters or e-mails in favor or against issues, as I have a tremendous confidence in the ARRL Board. I think you all do a super job, especially given that no matter what decision you have to take on an issue, somebody's not going to be happy. Healthy, measured change is good for any organization. While there are many complaints against this recommended proposal, we should also take time to appreciate the addition of such interesting monthly columns as QRP, Antique Radio, Mobile operations, etc.

Hey, if nothing else, it will make code practice bulletins easier--those strings of numbers were always a killer ("TEXT FROM PAGES 102 AND 103 OF ... QST")!

8-)

73 de Mike Boatright, K04WX

-----  
Date: Tue, 22 Jan 2002 11:22:36 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: Ron KU7Y <mswmod@bigplanet.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [118052] Re: Problems with Hamsticks (fwd)  
Message-ID: <Pine.LNX.4.33.0201221107260.1600-100000@Daisy.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Ron, I need to say that I was not able to measure the 80 meter hamstick resistive component since my devices only go down to 1 ohm. I'm estimating it from the measured bandwidth for 1.5 to 1 vswr which is 15 KHz. The measured value is 1 ohm.

So if the number is really 0.5 ohms then your getting 5 of 100 watts to the antenna. I have checked into the 80 meter Breakfast Club with my Yaseu FT-817 running 5 watts to a 80 meter dipole at 50 feet in the middle, and I get reports that are much like when I'm mobile.

Last summer I ran a test with N50IS who lives 450 miles north of

me on 7.290 MHz and he heard me 10 DB stronger on my dipole than on my mobile running the same power. So it means he hears me as well as a 10 watt station on my dipole.

On 40 meters a QRP station on a hamstick is running the same as a QRPP station on a dipole.

On 20 meters and up the hamsticks are better. But my experience is the the W3FF dipole which is just 16 feet long is far better, like an s unit or more.

On Mon, 21 Jan 2002, Ron KU7Y wrote:

> Hi All,  
>  
> I'm still chewing on all the info I got with the last question but I just HAVE  
> to say something here..... Lets look at what Karl said;  
>  
>  
> > This means 1/100 of the power is going into the antenna, with  
> > 99/100 going into the ground resistance. Your Hamstick has 1 watt of power  
> > to work with, while 99 watts are converted to heat if your running 100  
> > watts.  
>  
>  
> While the math may really "prove" that, I have a VERY hard time believing it  
> because of all the QSO's I've made over the years with very similar antennas.  
> No way was I only getting 1% of the power into the antenna and out into the  
> "either".  
>  
> Do this as a little experiment someday.....  
>  
> Put up a nice 80m antenna. One that will let you get most all of your power  
> into it according to the "math". Now set up your little Hamstick antenna style  
> antenna on the car. Run 100w in the car and 5w into the good antenna. Work the  
> same station and see what the reports are.  
>  
> Do this with several antennas and even do the same thing on 40m. Then report  
> back here with the results.  
>  
> Lets see if the real world results coincide with the text book math.  
>  
> I for one would LOVE to see some things like this happen. Then we can begin to  
> understand what we think we know or see!  
>  
> OK, back to my reading of those other posts some more.  
>  
> I just spent the past 3 days at a great bluegrass festival. Listened to a lot

> of good picking and did a fair amount of it myself out in the camping area.....  
> but now back to QRP stuff.....  
>  
> Back in my hole.....  
> Ron, KU7Y  
> ku7y@qsl.net  
> Full Time RVing somewhere in the West  
> Currently in Brenda, AZ.  
>  
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
<http://www.zianet.com/k5di/>

-----  
Date: Tue, 22 Jan 2002 13:27:40 -0500  
From: W2AGN <w2agn@pobox.com>  
To: "Karl F. Larsen" <k5di@zianet.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [118053] Re: Problems with Hamsticks (fwd)  
Message-ID: <0201221327401F.02394@CC2289974-A>  
Content-Type: text/plain;  
charset="iso-8859-1"  
MIME-Version: 1.0  
Content-Transfer-Encoding: 8bit

On Tuesday 22 January 2002 13:22, Karl F. Larsen wrote:

>  
> So if the number is really 0.5 ohms then your getting 5 of 100  
> watts to the antenna. I have checked into the 80 meter Breakfast Club with  
> my Yaseu FT-817 running 5 watts to a 80 meter dipole at 50 feet in the  
> middle, and I get reports that are much like when I'm mobile.  
>  
> Last summer I ran a test with N50IS who lives 450 miles north of  
> me on 7.290 MHz and he heard me 10 DB stronger on my dipole than on my  
> mobile running the same power. So it means he hears me as well as a 10  
> watt station on my dipole.  
>

--

Now I'm no BSEE, or PHd, but I thought 10DB below five watts would be .5 watts. So if you are 10db stronger on the dipole than with 5 watts into the mobile, it would be like a 50 watt station.

-----  
John L Sielke W2AGN  
w2agn@pobox.com  
<http://www.qsl.net/w2agn>  
Trustee: W3IYQ  
-----

Date: Tue, 22 Jan 2002 12:27:52 -0500  
From: "Mike Boatright" <ko4wx@mindspring.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [118054] Re: Uses for MFJ analyzer???  
Message-ID: <NFBBIILMKCMIIILGKAJMBLAEDNCDA.ko4wx@mindspring.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Tom,

Other than my VOM, and maybe my O'scope, the MFJ-Antenna analyzer is just about the most useful piece of test equipment in my shack. Here are some of the things I use it for:

- tuner (already mentioned, but it puts out so little power, it's much less offensive to my fellow operators...)
- signal generator (not the most solid of generators, but does the trick in many instances...if I need to see if my receiver is working at all, I can inject a signal straight in without worrying about toasting the components, and the bazillion other things you can do with a signal generator).
- sweep generator (very handy for sweeping a filter and seeing its response, insertion loss, etc.)
- grid dip meter (already mentioned, but VERY valuable tool to have, can find resonance, capacitance, inductance, etc.)
- antenna and feedline tester (all kinds of uses...antenna SWR/radiation resistance, antenna system SWR/resistance, determine characteristic impedance of feedlines, trimming antennas, etc.)

And these are just the things I can think of off the top of my head that I've done with mine lately.



72 de Mike, K04WX

-----  
Date: Tue, 22 Jan 2002 13:37:40 -0500  
From: David Hinerman <WD8CIV@worldnet.att.net>  
To: qrp-l@lehigh.edu  
Subject: [118055] PCB caveat  
Message-ID: <5.1.0.14.1.20020122133341.00a70690@ipostoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Folks,

I want to pass this along while it's fresh in my mind.

If you're using any toner-transfer method of PCB production, remember this:

PRINT THE PATTERN AS A MIRROR IMAGE!

You need to flip the pattern over to iron it onto the board, which will reverse everything.

I just etched, stripped, and drilled 2 boards for a DDS signal generator that are backwards. Needless to say, I'm a little annoyed with myself right now.

Dave

-----  
Dave Hinerman  
WD8CIV@worldnet.att.net

-----  
Date: Tue, 22 Jan 2002 19:45:32 +0100  
From: "Ingo, DK3RED" <dk3red@t-online.de>  
To: QRP-L <qrp-l@lehigh.edu>  
Subject: [118056] Spectrogram (was: Measurements ...)  
Message-ID: <3C4DB34C.231A8AC7@t-online.de>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello James KK6MC and Mike WA6MER,

Spectrogram has moved to  
<http://www.visualizationsoftware.com/gram.html>

--

72/73 de Ingo, DK3RED ( Don't forget: the fun is the power ! )  
dk3red@t-online.de [www.qsl.net/dk3red](http://www.qsl.net/dk3red) [www.t-online.de/~dk3red](http://www.t-online.de/~dk3red)  
DL-QRP-AG #824 (German QRP Activity Group) [www.dl-qrp-ag.de](http://www.dl-qrp-ag.de)

-----  
Date: Tue, 22 Jan 2002 13:53:47 -0500  
From: "Brian" <brian@iquest.net>  
To: "pigs" <fpqrp-l@mpna.com>, "QRP-L" <qrp-l@lehigh.edu>  
Subject: [118057] Wanted: Digital Camera  
Message-ID: <000d01c1a376\$20921ec0\$3d05080a@cincom.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Did any of you all get a new digital camera?

I'm looking for a reasonably priced used digi cam that i can use to take  
pics of my PC Boards and stuff I sell on eBay. 640x480 would be fine. A  
good deal on a HP215 would be exactly what I'm looking for.

Anyone? Can trade for parts, cash, you name it?

=====  
KB9BVN/QRP - New Whiteland IN - EM69WN  
QRP-ARCI #10223 QRP-L #1540 FIST #5695  
FISTS CC #764 - Proud Member ARRL  
TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W  
INTO INFAMOUS AF4PS ATTIC DIPOLE  
SOC #400 AND FLYING PIGS QRP #-57  
=====

-----  
Date: Tue, 22 Jan 2002 14:08:43 -0500  
From: David Hinerman <WD8CIV@worldnet.att.net>  
To: qrp-l@lehigh.edu  
Subject: [118058] Re: Wanted: Digital Camera  
Message-ID: <5.1.0.14.1.20020122135923.00a6a0b0@ipostoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 01:53 PM 1/22/2002 -0500, you wrote:

>Did any of you all get a new digital camera?

>

>I'm looking for a reasonably priced used digi cam that i can use to take  
>pics of my PC Boards and stuff I sell on eBay. 640x480 would be fine. A  
>good deal on a HP215 would be exactly what I'm looking for.

>

>Anyone? Can trade for parts, cash, you name it?

Brian,

Take a look at [www.pricewatch.com](http://www.pricewatch.com) - they list offers by dealers of all kinds of gear. Some is used, some is refurbished, some is surplus, some is prime. Lists are sorted by price, and most dealers have links so you can buy online. The list is almost real-time - whenever a deal posts a new price, it's reflected right away.

Pricewatch is primarily for computers, but there's a link at the upper right corner of the page that says "Electronics." It'll take you to another section for consumer electronics. (Cameras, audio gear, fax & copy machines, video games, etc.)

For example, right now they show an HP 215xi for \$129 from Aptcom, Inc. I don't know if you consider that a good deal, but it's worth browsing around.

Dave

-----  
Dave Hinerman

WD8CIV@worldnet.att.net

-----  
Date: Tue, 22 Jan 2002 14:10:18 -0500

From: "ss lyon" <sslyon@megalink.net>

To: <brian@iquest.net>,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [118059] Re: Digital Camera...

Message-ID: <011201c1a378\$6e72b9e0\$c7a969ce@megalink.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Just saw the KODAK DC 3200 on sale at Wal-Mart for \$119. Had mine a year and

like it a lot... paid \$180 for it then. Get addn'l memory for it tho. I got a 48mb card and USB reader for \$129 and it'll hold 200 good res. pix!

73

AA1MY

Seabury & Sharon Lyon  
99 Sparrowhawk Mtn Rd  
Bethel ME, 04217 U.S.A.  
207-836-2576

Virus Protection by Norton and ZoneAlarm

----- Original Message -----

From: "Brian" <brian@iquest.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Tuesday, January 22, 2002 1:53 PM

Subject: Wanted: Digital Camera

> Did any of you all get a new digital camera?

>

> I'm looking for a reasonably priced used digi cam that i can use to take  
> pics of my PC Boards and stuff I sell on eBay. 640x480 would be fine. A  
> good deal on a HP215 would be exactly what I'm looking for.

>

> Anyone? Can trade for parts, cash, you name it?

>

> =====

> KB9BVN/QRP - New Whiteland IN - EM69WN

> QRP-ARCI #10223 QRP-L #1540 FIST #5695

> FISTS CC #764 - Proud Member ARRL

> TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W

> INTO INFAMOUS AF4PS ATTIC DIPOLE

> SOC #400 AND FLYING PIGS QRP #-57

> =====

>

>

-----  
Date: Tue, 22 Jan 2002 13:13:44 -0500

From: "Mike Boatright" <ko4wx@mindspring.com>

To: <qrp-1@Lehigh.EDU>

Cc: <WD8CIV@worldnet.att.net>

Subject: [118060] Re: PCB caveat

Message-ID: <NFBBIILMKCMIIILGKAJMBLMECDAA.ko4wx@mindspring.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

David,

Install the components on the trace side...e.g. Manhattan style...

That's how I made my HB Tuna Tin 2. Actually came out looking pretty cool...

72 de Mike, K04WX

-----  
Date: Tue, 22 Jan 2002 14:25:26 -0500  
From: David Hinerman <WD8CIV@worldnet.att.net>  
To: qrp-1@lehigh.edu  
Subject: [118061] Re: PCB caveat  
Message-ID: <5.1.0.14.1.20020122141916.00a743e0@ipostoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 01:13 PM 1/22/2002 -0500, you wrote:

>David,

>

>Install the components on the trace side...e.g. Manhattan style...

>

>That's how I made my HB Tuna Tin 2. Actually came out looking pretty

>cool...

>

>72 de Mike, K04WX

Mike,

That's what I was doing - the DDS chip is surface mount, so I laid out the board putting all traces on the "top" layer. (It's a single-side board.) But I can't invert the DDS chip because the leads bend the wrong way, and I'm not deft enough to re-bend them.

Sometimes I use a similar technique to make an "almost" single-sided board simpler. I'll move all ground connections to the "bottom" layer, and route everything else on the top. Then when I etch the board I mask the entire bottom side so it stays a solid ground plane, and traces go on top. Then I drill through all the pads that are connected to ground, insert component leads, and solder both sides. The rest of the component leads are soldered surface-mount-style to the remaining pads.

But I still have to get the IC pads in the right places.

Dave

-----  
Dave Hinerman  
WD8CIV@worldnet.att.net

-----  
Date: Tue, 22 Jan 2002 14:26:28 -0500  
From: Donn Kuse <casey.jay@gte.net>  
To: elecrafft@mailman.qth.net,  
    Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [118062] New Elecraft K1 User to be  
Message-ID: <3C4DBCE3.78AF7AB4@gte.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi all,  
I'm now awaiting my first K1, 20/40, complete with noise blanker, ant  
tuner, internal battery adapter and more. I probably won't be using  
its keyer for a long while. I like the straight key for CW.  
Fortunately (in my case), it's already built and being tested with  
additonal modifications and an extra KFL1-2 for 20/15.  
My one question, right now, is what external power supplies are used for  
the maximum transmit output? I'm not even familiear with what type of  
external power connection is used.  
Would also like to hear from other K1 users. Also, how do you use the  
built in antenna tuner?  
Thanks,  
73/72 Donn, WB4ZWT  
66 and still trying to learn

-----  
Date: Tue, 22 Jan 2002 12:39:47 -0700 (MST)  
From: "Paul Harden, NA5N" <na5n@rt66.com>  
To: "Thor, n9ik" <n9ik@qsl.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [118063] RE: potential contest  
Message-ID: <Pine.SUN.4.10.10201221224340.16635-1000000@shell.rt66.com>

MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 21 Jan 2002, Thor, n9ik wrote:

> My first two CW qso's were bad experiences, very embarrassing.  
<snip>  
> The third attempt was not until several years later ...  
> Unfortunately, even though I had passed the test, when I  
> actually got on the air I was so nervous and got so flustered I made excuses  
> and ended the qso as soon as I could. Again I was extremely embarrassed.

Thor,

For what it is worth, you are describing EVERYBODY'S first few CW QSO's!!!

Sweaty palms, a shakey fist, rapid breathing, pupils fixed and dialated,  
all the signs of TRAUMA :-) Exactly what OUR first few QSO's was like  
too.

> Now, five and a half years later, I'm determined to become proficient at CW,

That's the spirit we all had to develop to become adequate CW ops.  
With CW, practice does make perfect. Get on the air and tell the  
station you are working, "UR MY FIRST CW QSO" (or 2nd or 3rd) and most  
will respond to ensure you have a good first few QSO's.

Thanks for your honesty, but we've ALL "been there, done that."  
You are not alone.

72, Paul NA5N

-----  
Date: Tue, 22 Jan 2002 14:41:40 -0500  
From: David Hinerman <WD8CIV@worldnet.att.net>  
To: qrp-l@lehigh.edu  
Subject: [118064] Re: PCB caveat  
Message-ID: <5.1.0.14.1.20020122143851.00a72cf0@ipostoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 02:09 PM 1/22/2002 -0800, you wrote:

>Dave,  
> I'm embarassed to say that your hard-luck story makes me feel a bit  
>better. Been there, done that (a few times). You'd think I'd learn after  
>doing it ONCE.

> Its a mistake that very many make, I think.

Glen,

Kind words - thank you. You'd think I'd learn after having done it a few times, too. (I even warn people about it in the article I wrote.)

The only thing I can say in my defense is that it's complicated enough choosing options to print something on a network laser printer. I barely managed to select landscape mode in time.

Dave

-----  
Dave Hinerman  
WD8CIV@worldnet.att.net

-----  
Date: Tue, 22 Jan 2002 12:45:04 -0700 (MST)  
From: "Paul Harden, NA5N" <na5n@rt66.com>  
To: "Kevin M." <adverseyaw@twmi.rr.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [118065] Re: Essay on O'scopes  
Message-ID: <Pine.SUN.4.10.10201221241430.16635-1000000@shell.rt66.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 22 Jan 2002, Kevin M. wrote:

> I have been reading the Essay that Paul Hardin, NA5N wrote on  
> Oscilloscopes. At the end he mentions he will be writing Part 2 for the  
> winter QRPp. Was it ever written? Did he post it to QRP-L?

Yes, Part 2 was written and published in NorCal's QRPp. I believe it was in the issue following Part 1, but unfortunately I do not have my QRPp's in front of me at the moment. However, I don't think I ever converted it to ascii form for posting on qrp-l. I will try to do that in the near future. Thanks for the reminder.

72, Paul NA5N

-----



Date: Tue, 22 Jan 2002 14:44:11 -0500  
From: "Ronald A Pfeiffer" <Ronald\_A\_Pfeiffer@raytheon.com>  
To: qrp-1@Lehigh.EDU  
Subject: [118066] Ground .vs. Counterpoise  
Message-ID: <0F7BABEE0F.4A35E5D8-0N85256B49.006C04C8@and.us.ray.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=us-ascii

Well I have my heatshield up for this one!

My antenna is a Windom in the attic feed down thru the ceiling in a closet to the rig. I have only the copper hot-water pipe of my heating system available for a ground. Is the hot-water pipe better than a counterpoise? If counterpoise better can it be run on the floor of the attic which is above the rig but below the antenna?

Any feedback greatly appreciated.

Ron - N1ZSW

-----  
Date: Tue, 22 Jan 2002 15:07:46 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: w5tnj@camalott.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [118067] Re: bag pipes on 14.040  
Message-ID: <3C4DC692.19FDDA61@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Robert,

Since when was 14.040 a QRP frequency? You are about 20 KHZ TOO LOW!

73

-----  
Date: Tue, 22 Jan 2002 15:16:33 -0500  
From: "Lee Mairs" <lmairs@cox.rr.com>  
To: <WE7X@aol.com>, "qrpl" <qrp-1@lehigh.edu>  
Subject: [118068] Re: Uses for MFJ analyzer???  
Message-ID: <010501c1a381\$b0329c20\$6501a8c0@cox.rr.com>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

QST ran a whole article of Hints and Kinks devoted to antenna analyzers.  
Tried to find it, but I think my SO gave it the heave during a cleaning  
frenzy  
73 de Lee  
km4yy

We've all heard that a million monkeys banging on a million  
typewriters will eventually reproduce the entire works of  
Shakespeare. Now, thanks to the Internet, we know this is  
not true.

--Robert Wilensky, ILP 1996

----- Original Message -----

From: <WE7X@aol.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Tuesday, January 22, 2002 12:28 PM  
Subject: Re: Uses for MFJ analyzer???

> Tom and the group.  
> I recall that the manual had some info on other uses, and MFJ used to  
sell  
> an inexpensive set of coils to use it as a dip meter.  
> In my files somewhere I have a book sold by MFJ on antenna measurements  
> etc. As I recall there were several suggestions for the then current  
version  
> of the antenna analyzer.  
> I'll see what I can find and report back.

-----  
Date: Tue, 22 Jan 2002 20:13:44 GMT  
From: wo7t@juno.com  
To: qrp-1@Lehigh.edu  
Subject: [118069] re:VP8THU  
Message-ID: <20020122.121345.1306.143997@wm1.wlv.juno.com>

Interesting behavior.....for a piece of paper for the wall, or a printing of  
your name on an honor roll list somewhere, or whatever else deserves your  
investment of time putting up with the nonsense heard on the frequencies.

I hope all deserving QRP'ers get them, but you have my sympathy for what you may

have to endure.

72 es GL  
Mark  
W07T/qrp

---

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<http://dl.www.juno.com/get/web/>.

-----  
Date: Tue, 22 Jan 2002 20:22:52  
From: "Brad Hernlem" <alihernlem@hotmail.com>  
To: n6wg@earthlink.net  
Cc: qrp-1@lehigh.edu  
Subject: [118070] Re: Code practice program/trainer  
Message-ID: <F8Q86CwSXnFXS0HWpdD00001e28@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Bob Tellefsen (n6wg@earthlink.net) asks:  
>Can anyone suggest something that would make a good windows training  
>program  
>along the lines of RUFZ and the others?  
>Thanks and 73,  
>Bob N6WG

Will Java suffice? This one is pretty neat:

<http://www.babbage.demon.co.uk/morse.html>

Brad KG6IOE

---

Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

-----  
Date: Tue, 22 Jan 2002 15:21:38 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: Ronald\_A\_Pfeiffer@raytheon.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>

Subject: [118071] Re: Ground .vs. Counterpoise  
Message-ID: <3C4DC9D2.6BE3F136@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Ron,

The Windom is a balanced antenna. It does not need, nor will it benefit from, a counterpoise or ground if it is properly installed. The ground will only be active as a DC ground. For safety's sake you should have a DC ground, not a counterpoise. A counterpoise is an RF ground.

73

-----  
Date: Tue, 22 Jan 2002 15:12:55 -0800  
From: "W2WU" <w2wurjj@verizon.net>  
To: <na5n@rt66.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [118072] Re: potential contest  
Message-ID: <000a01c1a39a\$6b65a880\$71c2fea9@w2wurjj>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

It's like giving birth or being an expectant father. Pain, fear, trepidation and supplanted with joy and anticipation. It's repeated every time you go after that rare DX ... CW is addicting isn't it? <W2WU>

----- Original Message -----

From: Paul Harden, NA5N <na5n@rt66.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: 22 January, 2002 11:39  
Subject: RE: potential contest

>  
> On Mon, 21 Jan 2002, Thor, n9ik wrote:  
> > My first two CW qso's were bad experiences, very embarrassing.  
> <snip>  
> > The third attempt was not until several years later ...  
> > Unfortunately, even though I had passed the test, when I  
> > actually got on the air I was so nervous and got so flustered I made  
excuses  
> > and ended the qso as soon as I could. Again I was extremely  
embarrassed.

>  
> Thor,  
> For what it is worth, you are describing EVERYBODY'S first few CW QSO's!!!  
>  
> Sweaty palms, a shakey fist, rapid breathing, pupils fixed and dialated,  
> all the signs of TRAUMA :-) Exactly what OUR first few QSO's was like  
> too.  
>  
> > Now, five and a half years later, I'm determined to become proficient at  
CW,  
>  
> That's the spirit we all had to develop to become adequate CW ops.  
> With CW, practice does make perfect. Get on the air and tell the  
> station you are working, "UR MY FIRST CW QSO" (or 2nd or 3rd) and most  
> will respond to ensure you have a good first few QSO's.  
>  
> Thanks for your honesty, but we've ALL "been there, done that."  
> You are not alone.  
>  
> 72, Paul NA5N  
>  
>  
>

-----  
Date: Tue, 22 Jan 2002 15:46:33 -0500  
From: "Doyle, Ronald D" <RD130947@exchange.DAYTONOH.NCR.com>  
To: qrp-1@Lehigh.EDU  
Cc: mgemm@mtechnologies.com  
Subject: [118073] Fox: Final Log for N8VAR January 17, 2002, Hunt #26  
Message-ID: <0D6CE218BF54D211B37F00E0292657F40B4A8861@susdayte03.daytonoh.ncr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

OK, I think I got all the errors out. Of course the surest way I know how  
to find errors is to say it's the final.:)  
The list is formated for processing by ET so it's space delimited.

Thanks for all the fun. Hope everyone has as much as I did.

72 de Ron, N8VAR  
Fox #26

time call rst st name pwr

0201 n4tn 589 tn don 5  
0203 k0evz 559 nd doc 5  
0205 wa8bxn 559 oh mike 5  
0206 n4map 559 ga sam 5  
0207 k4adi 559 sc frank 5  
0209 k8mia 559 wv jim 5  
0210 n4roa 559 va dan 5  
0211 wa9tze 579 wi jim 5  
0212 kr5c 559 tx george 5  
0214 k8dd 549 mi hank 5  
0215 k3ph 559 pa bob 5  
0216 wv9n 559 oh randy 5  
0217 n1tp 599 fl tom 5  
0219 k8kfj 559 wv garie 5  
0220 n3zpq 559 oh frank 4  
0222 k4tjd 559 ga tom 5  
0223 n3bj 559 va alan 5  
0225 w5yr 559 tx george 5  
0226 k4gt 559 ga jim 5  
0228 k8cv 559 mi walt 5  
0229 kd5kxf 559 tx mike 5  
0231 k9dc 559 in dave 5  
0233 we9k 559 wi glenn 5  
0234 w8vjw 559 mi john 5  
0235 k5zty 559 tx bill 5  
0237 af4pp 579 ga chuck 5  
0238 aa5o 559 la vern 5  
0239 kv4ee 559 sc craig 5  
0241 n9aw 599 wi jerry 5  
0242 k3iu 579 ri ken 5  
0242 w9hl 559 il randy 5  
0245 kb3eof 559 md sandy 5  
0247 w9xu 559 wi lon 5  
0248 nk9g 559 wi rick 5  
0249 nu8s 559 oh denn 5  
0250 k9is 559 wi steve 5  
0251 w0ch 559 mo dave 5  
0253 n9ne 559 wi todd 500mw  
0254 k0pc 559 mn pat 5  
0255 ve3fal 579 ont fred 5  
0256 nx8c 559 mi neil 5  
0258 wa2tdl 559 ny rick 5  
0259 n1fn 559 co et 5  
0300 n0ur 589 mn jim 5  
0302 k5dw 559 tx don 5  
0303 wb6bwz 559 ga matt 5  
0306 kq5u 559 tx terry 5  
0307 kc0atc 559 co chris 3

0308 kc1fb 559 ct jim 5  
0309 k4fb 559 fl paul 5  
0310 w5tb 559 tx doc 5  
0311 af4ps 559 fl mac 3  
0313 ab0cd 559 co dick 5  
0314 w0rsp 569 sd ade 5  
0316 k9iua 559 il kevin 5  
0317 n0ar 559 mn scott 5  
0319 kg4chx 559 nc tim 5  
0321 wb8rdn 589 va nick 5  
0324 w5usj 559 tx chuck 5  
0325 ks4l 559 al randy 5  
0327 ad2a 599 nj dave 5  
0328 n9st 559 ca scott 5  
0329 k5eoa 559 la wayne 5  
0331 ab5xq 559 ar bill 5  
0332 kk5na 559 tx joe 5  
0335 k5bgf 579 tx rodd 5  
0336 wb8wtu 559 oh dennis 2  
0338 ki0ii 559 co ron 5  
0339 kk5ld 559 tx dan 5  
0340 aa3wi 559 md john paul 4  
0341 k0frp 579 co alan 5  
0344 ve4wi 559 mb craig 5  
0346 k4byf 559 fl jack 5  
0349 n2ww 559 co larry 5  
0350 n0hrl 559 mn ken 5  
0351 ve6ex 559 ab dan 5  
0352 k5jhp 559 tx bill 5  
0353 n0rc 599 co rod 5  
0354 kb4nx 559 go carl 5  
0356 nq7x 559 az floyd 5  
0357 kj0c 559 mo jim 5  
0358 ve5rc 569 sk bruce 5  
0400 n8var xxx oh ron 5

-----

Date: Tue, 22 Jan 2002 16:03:00 -0500  
From: Bill Coleman <aa4lr@arrl.net>  
To: <Ronald\_A\_Pfeiffer@raytheon.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [118074] Re: Ground .vs. Counterpoise  
Message-ID: <1020022160012.QAA18839@gate.iterated.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 1/22/02 2:44 PM, Ronald A Pfeiffer at Ronald\_A\_Pfeiffer@raytheon.com wrote:

>My antenna is a Windom in the attic feed down thru the ceiling in  
>a closet to the rig. I have only the copper hot-water pipe of my  
>heating system available for a ground. Is the hot-water pipe  
> better than a counterpoise? If counterpoise better can it be run  
>on the floor of the attic which is above the rig but below the antenna?

You say your only ground is a hot water pipe. Hot water pipes are usually connected to a hot water heater, then to a cold water inlet, which then goes outside to the ground. Because of the hot water heater, a hot water pipe isn't a good ground.

What you need to find out is where the water SERVICE enters your home. See if the entrance is made with a metal pipe, or with plastic. In many locales, recent installations will be plastic, and do not make good grounds.

A ground rod will provide a better RF ground, provided the run of wire outside to it is short. The shorter the better.

A counterpoise may help for a specific band. You ought to try the antenna without it. It may be balanced enough not to induce too much RF current in the shack. If you are getting RF shocks, then install a counterpoise for that band.

Bill Coleman, AA4LR, PP-ASEL                      Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
      -- Wilbur Wright, 1901

-----  
Date: Tue, 22 Jan 2002 16:03:33 -0500  
From: Bill Coleman <aa4lr@arrl.net>  
To: <w6toy@erols.com>,  
      "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [118075] Re: Ground .vs. Counterpoise  
Message-ID: <1020022160045.QAA18906@gate.iterated.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 1/22/02 3:21 PM, Bruce Muscolino at w6toy@erols.com wrote:

>The Windom is a balanced antenna.



All the Windom's I've seen are off-center fed. Not well balanced in my book.

Bill Coleman, AA4LR, PP-ASEL            Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
      -- Wilbur Wright, 1901

-----  
Date: Tue, 22 Jan 2002 16:14:43 -0500  
From: "w8diz" <w8diz@fpqrp.com>  
To: <fpqrp-1@mpna.com>, <qrp-1@Lehigh.EDU>  
Subject: [118076] Truffle Hunt tonight  
Message-ID: <00ad01c1a389\$cff7dfe0\$0400000a@hunkar.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi gang,

I'll be the TRUFFLE tonight from 0130Z to 0200Z, working near 7038 +/- QRM.

I will ONLY work stations UP from me +.5 to +1.5 KHz, while there is a pack of pigs looking.

I will also slow down to ANY speed that is sent to me.  
Good Luck! (me included)

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio  
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W  
SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26  
FP#-1 <http://home.cinci.rr.com/w8diz> & <http://kitsandparts.com>

-----  
Date: Tue, 22 Jan 2002 16:34:05 -0500  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: qrp-1@lehigh.edu  
Subject: [118077] Re: PCB caveat  
Message-ID: <3.0.6.32.20020122163405.007a36d0@mailhost.ncia.net>

Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>If you're using any toner-transfer method of PCB production, remember this:  
>  
>PRINT THE PATTERN AS A MIRROR IMAGE!  
>  
Yes, but only if your printing the TOP layer.

If your printing the BOTTOM layer, DO NOT reverse the image. Since you normally view the bottom layer as "through" the board, the image is automatically reversed with you print it normal. Confusing? Yes!

72,  
Steve, KD1JV  
"Melt Solder"  
White Mountians of New Hampshire  
<http://www.qsl.net/kd1jv/>

-----  
Date: Tue, 22 Jan 2002 17:16:43 EST  
From: WE7X@aol.com  
To: Ronald\_A\_Pfeiffer@raytheon.com, qrp-1@lehigh.edu  
Subject: [118078] Re: Ground .vs. Counterpoise  
Message-ID: <17e.2776e57.297f3ecb@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Ron,

In my opinion, the hot water pipe is not a ground...Some are actually isolated by insulating sections at hot water tanks as protection from electrolysis I think. I may be wrong about this, and stand to be corrected if so. But is not a reliable ground, I think most will agree.

It is not a substitute for a counterpoise. Your attic mounted counterpoise will help, but can you get it to ground level?... Or even run it right off the rear of the rig and snake it around the baseboards of the room(s) on that level.

As far as my understanding of counterpoises, I think that would be better; but ideally you still need a physical earth ground if at all possible for safety and static discharge. It can be fairly long to do that earth ground job, and the counterpoise tries to simulate an RF ground. Try not to confuse the two in your head. They are really two different functions, although commonly they are combined with by using one 'earth' ground lead if it goes

to a satisfactory ground system.

Good luck,

Rod

WE7X

-----  
Date: Tue, 22 Jan 2002 14:18:31 -0800 (PST)  
From: Gary Slagel <gds slagel@yahoo.com>  
To: QRP L <qrp-l@Lehigh.EDU>  
Subject: [118079] Re: Short vertical antenna questions  
Message-ID: <20020122221831.12639.qmail@web11603.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Shawn,

I recently built an antenna real similar to what your talking about and decided the farther up the mast the loading coil was the better... course it makes it harder to support with that little tripod. There is a simple little program out there, vertload.exe I think, that you can use to give you some idea of the efficiency of the antenna as the loading coil is moved up the mast. I settled on a mast of about 3' and a stinger of about 6' as a compromise. If you're really interested in the program, I think I can find it and email you a copy.

Another thing... radials. I know its a pain in the butt to come up with resonant radials on a multi band antenna but I think its really worthwhile. My vert is a multi band and I pack along 2 resonant radials for any band I wanna use... I clip them on with alligator clips. And... an article written by an Aussie in latest (or mebbe a month ago) QST kinda confirms the 2 resonant radial idea. I thought it was good reading. Also.... it reinforces my thoughts that just getting the base of the antenna and the radials up a couple feet off the ground makes a big difference.

My 2 cents. Good Luck & 73, Gary

--- "Upton, Shawn" <SUpton@ALLEGROMICRO.com> wrote:  
> Ok, I'm finally building something. We'll see how  
> it turns out. I plan on  
> building a cheapo, easy to construct and take down,

> vertical. I have a  
> small tripod that I want to use as the base, but the  
> tripod won't take much  
> to topple if the weight is located much above it. I  
> have a nice, homemade  
> 12 turn 4" diameter inductor to use as the loading  
> coil, and I bought one of  
> those 72" RS telescoping whips to top it all off.  
> In the end, I think I  
> will have about 100" of radiator. The feedpoint for  
> this setup looks to be  
> about 2 feet off the ground. I know it won't be  
> great on 80m, but I'd like  
> it to at least load up on that band.  
>  
> 1. Would I gain any efficiency by locating the  
> loading coil a foot or two up  
> from the feedpoint? Or would it be minor gains?  
> [As in, would I gain 1% on  
> an antenna that is, say 40% efficient; or would I  
> gain 1% on an antenna that  
> is 3% efficient?]  
>  
> 2. Since the feedpoint is so low to the ground, and  
> I plan on draping the  
> counterpoises on the ground anyhow, length isn't so  
> critical, right?  
>  
> 3. I know I have a construction article somewhere  
> on this, but for the  
> loading coil--I'd assume to install it so that  
> normally, max inductance was  
> inline with the antenna, and I use a jumper to  
> shorten the inductor to tune  
> the antenna, right?  
>  
> Thanks.  
>  
> Shawn Upton, KB1CKT  
>  
>

=====

Gary Slagel/N0SXX  
Conifer, CO 80433  
gdslagel@yahoo.com  
Personal Website: <http://members.fortunecity.com/gdslagel>

-----  
Do You Yahoo!?  
Send FREE video emails in Yahoo! Mail!  
<http://promo.yahoo.com/videomail/>  
-----

Date: Tue, 22 Jan 2002 17:36:54 -0500  
From: "Jim Worthington" <ad4j@arrl.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [118080] Re: QRP DXCC  
Message-ID: <NABBICBNJHOBKGPEHLKBMELOFLAA.ad4j@arrl.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Mine arrived today. I'm going to put it on the wall without spousal consultation :-). For those wishing to make their own aesthetic judgment, see:

<http://people.atl.mediaone.net/ad4j/QrpDxccAward.jpg>

72,  
Jim, AD4J

-----  
Date: Tue, 22 Jan 2002 14:46:55 -0800  
From: "Kory Hamzeh" <kory@avatar.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [118081] RE:Dyslexia (was: potential contest)  
Message-ID: <003001c1a396\$b13d6fe0\$14ce21c7@avatar.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

All this talk about CW speed has gotten me thinking. I am severely dyslexic and have never been able to copy faster than 10 to 12 WPM, and this is after 7 years of being a ham (although, I wasn't very active last year). Dyslexia is a brain malfunction that causes people to reverse letters, numbers, and in the case of CW, dots and dashes. So an "A" may sound a lot like a "N" to me. I have to stop and play back in my head the sound I heard very slowly.

I was curious to see if anyone else on the list is dyslexic and if he/she was been able to overcome it for the purpose of CW? I do know the biggest difference seems to be how clear my head is. If I don't have a lot on my mind, I seem to copy better.

So I stick with the Novice portion of the band, and as some one else said, there are fewer and fewer Novice ops on the air right now.

Thanks,  
Kory AC6RN

-----  
Date: Tue, 22 Jan 2002 18:00:39 -0500 (EST)  
From: baltimoremd@baltimoremd.com  
To: Kory Hamzeh <kory@avatar.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [118082] RE:Dyslexia (was: potential contest)  
Message-ID: <200201222175914.P72774-100000@unix1.vhost.min.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 22 Jan 2002, Kory Hamzeh wrote:

>  
> All this talk about CW speed has gotten me thinking. I am severely dyslexic  
> and have never been able to copy faster than 10 to 12 WPM, and this is after  
> 7 years of being a ham (although, I wasn't very active last year). Dyslexia  
> is a brain malfunction that causes people to reverse letters, numbers, and  
> in the case of CW, dots and dashes. So an "A" may sound a lot like a "N" to  
> me. I have to stop and play back in my head the sound I heard very slowly.

Does the reversal occur just with the cw sounds, but also with the  
"written" symbols? If the later is not the case, one of the cw "readers"  
might be of assistance.

Thom

baltimoremd@baltimoremd.com  
<http://www.baltimoremd.com/>  
<http://www.baltimorehon.com/>  
<http://www.zerobeat.net>

Thom LaCosta K3HRN Webmaster  
Baltimore's Home Page  
Home of the Baltimore Lexicon  
Home of The QRP Web Ring  
and Drake Mail List Pages

-----

Date: Tue, 22 Jan 2002 17:57:55 -0500  
From: "Michael C. Boatright" <ko4wx@mindspring.com>  
To: qrp-l@lehigh.edu  
Subject: [118083] Re: Changes to QST  
Message-ID: <5.0.2.1.2.20020122175655.022119d0@pop.mindspring.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

By the way, the ARRL Board met and has deferred the decision for 6 months...

<FLAMESUIT>My opinion still stands</FLAMESUIT>

72 de Mike, K04WX  
Michael C. Boatright

-----  
Date: Tue, 22 Jan 2002 18:06:36 -0500  
From: "Lee Mairs" <lmairs@cox.rr.com>  
To: <WE7X@aol.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [118084] Re: Ground .vs. Counterpoise  
Message-ID: <005901c1a399\$7188d080\$6501a8c0@cox.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Lots of folks use plumber's teflon tape when connecting threaded pipes.  
Teflon is an excellent insulator - yet another reason for not counting on  
water pipes to be at ground.

73 de Lee  
km4yy

Don't ever take a fence down until you know the reason it was put up.  
--Gilbert Keith Chesterton

----- Original Message -----

From: <WE7X@aol.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Tuesday, January 22, 2002 5:16 PM  
Subject: Re: Ground .vs. Counterpoise

> Ron,  
> In my opinion, the hot water pipe is not a ground...Some are actually

> isolated by insulating sections at hot water tanks as protection from  
> electrolysis I think. I may be wrong about this, and stand to be  
corrected  
> if so. But is not a reliable ground, I think most will agree.  
> It is not a substitute for a counterpoise. Your attic mounted  
> counterpoise will help, but can you get it to ground level?... Or even run  
it  
> right off the rear of the rig and snake it around the baseboards of the  
> room(s) on that level.  
> As far as my understanding of counterpoises, I think that would be  
better;  
> but ideally you still need a physical earth ground if at all possible for  
> safety and static discharge. It can be fairly long to do that earth  
ground  
> job, and the counterpoise tries to simulate an RF ground. Try not to  
confuse  
> the two in your head. They are really two different functions, although  
> commonly they are combined with by using one 'earth' ground lead if it  
goes  
> to a satisfactory ground system.  
> Good luck,  
> Rod  
> WE7X  
>

-----  
Date: Tue, 22 Jan 2002 18:03:31 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: Bill Coleman <aa4lr@arrl.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [118085] Re: Ground .vs. Counterpoise  
Message-ID: <3C4DEFC3.D493E000@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Bill,

>  
> All the Windom's I've seen are off-center fed. Not well balanced in my  
> book.  
>

True enough, but they are commonly fed by either coax or twin lead.  
They can be considered a balanced design. I stand by my statements. I  
used a 137 foot windom from 1956 to 1952. A counterpoise probably will



not help much. I also used a balun back then, I wonder if he is.

73

-----  
Date: Tue, 22 Jan 2002 18:19:22 -0500  
From: "E. Roswell" <eroswell@monmouth.com>  
To: qrp-1@Lehigh.EDU  
Subject: [118086] Re: Ground .vs. Counterpoise  
Message-ID: <3C4DF37A.1698C9C7@monmouth.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

>You say your only ground is a hot water pipe. Hot water pipes are usually  
>connected to a hot water heater, then to a cold water inlet, which then  
>goes outside to the ground. Because of the hot water heater, a hot water  
>pipe isn't a good ground.

>What you need to find out is where the water SERVICE enters your home.  
>See if the entrance is made with a metal pipe, or with plastic. In many  
>locales, recent installations will be plastic, and do not make good  
>grounds.

Note that in some areas, even if all the piping is metal, they install an  
insulating "washer" or collar at the water meter, thereby breaking the  
continuity that does exist to ground. (Putting a jumper across the meter  
piping may get you in trouble with the water company).

Ed, K2MGM

-----  
Date: Tue, 22 Jan 2002 18:23:58 -0500 (EST)  
From: baltimoremd@baltimoremd.com  
To: Kory Hamzeh <kory@avatar.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [118087] RE: Dyslexia (was: potential contest)  
Message-ID: <20020122181634.J72774-100000@unix1.vhost.min.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 22 Jan 2002, Kory Hamzeh wrote:

>  
> Hi Thom,  
>

> It seems to be more severe with sounds then symbols, but even which things  
> like phone number, I have to read them one number at a time or for example,  
> if I see 555-2937, I'll dial 555-9273.

Ah...so I can see how that would slow ya down, since you need to do it  
letter by letter.

>  
> Do CW readers convert the CW to text or to dots & dashes?

I am no expert...but all that I've seen have been computer based...and do  
a fair job of reading the code.

If it were me...and I could find a program that did a decent job of  
reading the code, I'd contact the author and see if he could have a  
mode where it displayed one character at a time.

For most folks it would be too slow....but might ber a real boon to some  
one with the condition that you have.

Thom

baltimoremd@baltimoremd.com  
<http://www.baltimoremd.com/>  
<http://www.baltimorehon.com/>  
<http://www.zerobeat.net>

Thom LaCosta K3HRN Webmaster  
Baltimore's Home Page  
Home of the Baltimore Lexicon  
Home of The QRP Web Ring  
and Drake Mail List Pages

-----  
Date: Tue, 22 Jan 2002 18:28:11 -0500  
From: "ss lyon" <sslyon@megalink.net>  
To: <Ronald\_A\_Pfeiffer@raytheon.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [118088] Re: Ground .vs. Counterpoise  
Message-ID: <001c01c1a39c\$75564be0\$c7a969ce@megalink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Ron

If you're on the bottom, (basement?) and got a good connection with the COPPER  
plumbing, you're definitely in good shape. If you're on an upper floor, I'd go  
with an Artificial Ground (just another tuner) such as MFJ makes -or make my  
own. They do require additional knob tweaking, but they definitely work.

73

AA1MY

Seabury & Sharon Lyon  
99 Sparrowhawk Mtn Rd  
Bethel ME, 04217 U.S.A.  
207-836-2576

Virus Protection by Norton and ZoneAlarm

----- Original Message -----

From: "Ronald A Pfeiffer" <Ronald\_A\_Pfeiffer@raytheon.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Tuesday, January 22, 2002 2:44 PM  
Subject: Ground .vs. Counterpoise

> Well I have my heatshield up for this one!  
>  
> My antenna is a Windom in the attic feed down thru the ceiling in  
> a closet to the rig. I have only the copper hot-water pipe of my  
> heating system available for a ground. Is the hot-water pipe  
> better than a counterpoise? If counterpoise better can it be run  
> on the floor of the attic which is above the rig but below the antenna?  
>  
> Any feedback greatly appreciated.  
>  
> Ron - N1ZSW  
>

-----  
Date: Tue, 22 Jan 2002 18:34:59 -0500 (EST)  
From: <igeq100@iupui.edu>  
To: baltimoremd@baltimoremd.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [118089] RE:Dyslexia (was: potential contest)  
Message-ID: <Pine.GS0.3.96.1020122183233.17870B-1000000@jade.iupui.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi, Gang -

I once worked a ham who consistently sent the letter C as  
dit dah dit dah. I suspect that he had the CW version of dyslexia - it  
may involve some of the same processing pathways in the brain.

72,

Rich, WB9LPU

On Tue, 22 Jan 2002 baltimoremd@baltimoremd.com wrote:

> On Tue, 22 Jan 2002, Kory Hamzeh wrote:

>

> >

> > All this talk about CW speed has gotten me thinking. I am severely dyslexic  
> > and have never been able to copy faster than 10 to 12 WPM, and this is after  
> > 7 years of being a ham (although, I wasn't very active last year). Dyslexia  
> > is a brain malfunction that causes people to reverse letters, numbers, and  
> > in the case of CW, dots and dashes. So an "A" may sound a lot like a "N" to  
> > me. I have to stop and play back in my head the sound I heard very slowly.

>

> Does the reversal occur just with the cw sounds, but also with the  
> "written" symbols? If the later is not the case, one of the cw "readers"  
> might be of assistance.

>

> Thom

>

> baltimoremd@baltimoremd.com  
> <http://www.baltimoremd.com/>  
> <http://www.baltimorehon.com/>  
> <http://www.zerobeat.net>

Thom LaCosta K3HRN Webmaster  
Baltimore's Home Page  
Home of the Baltimore Lexicon  
Home of The QRP Web Ring  
and Drake Mail List Pages

>

>

>

-----  
Date: Tue, 22 Jan 2002 17:34:21 -0600

From: "Rob Matherly" <kc0bom@arrl.net>

To: "Low Power Amateur Radio Discussion" <qrp-L@lehigh.edu>

Subject: [118090] Re: Altoids Tin 2?

Message-ID: <01cc01c1a39d\$572dd920\$b311a541@intern01>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I drew my own board for a TT2 to fit in an Altoids case based on the parts layout diagram in the stuff you get with the kit. I have a pic I scanned in of it at <http://www.qsl.net/kc0bom/pics/tt40board.gif>. If you'd like to build it, just lemme know and I'll e-mail you the dimensions.

(Btw, reply to kc0bom@arrl.net... got the list on suspend for the time being and ran across your message while looking through the archives)

72/73/oo

Rob, kc0bom

ARRL; FP Qrp -330; Live-Wire #442; IA QRP #143; SOC #497; QRPp-I #19

-----

Visit my website! <http://www.qsl.net/kc0bom>

AIM - kc0bom, jimrob4 MSN - jimrob@jetnetinc.net

-----

Date: Tue, 22 Jan 2002 15:10:03 -0800

From: "Kory Hamzeh" <kory@avatar.com>

To: <baltimoremd@baltimoremd.com>

Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [118091] RE: Dyslexia (was: potential contest)

Message-ID: <003201c1a399\$ec3e1560\$14ce21c7@avatar.com>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

> -----Original Message-----

> From: baltimoremd@baltimoremd.com [mailto:baltimoremd@baltimoremd.com]

> Sent: Tuesday, January 22, 2002 3:01 PM

> To: Kory Hamzeh

> Cc: Low Power Amateur Radio Discussion

> Subject: RE:Dyslexia (was: potential contest)

> Importance: High

>

>

> On Tue, 22 Jan 2002, Kory Hamzeh wrote:

>

> >

> > All this talk about CW speed has gotten me thinking. I am

> severely dyslexic

> > and have never been able to copy faster than 10 to 12 WPM, and

> this is after

> > 7 years of being a ham (although, I wasn't very active last  
> year). Dyslexia

> > is a brain malfunction that causes people to reverse letters.

> numbers, and

> > in the case of CW, dots and dashes. So an "A" may sound a lot

> like a "N" to

> > me. I have to stop and play back in my head the sound I heard  
> very slowly.  
>  
> Does the reversal occur just with the cw sounds, but also with the  
> "written" symbols? If the later is not the case, one of the cw "readers"  
> might be of assistance.  
>  
> Thom  
>

Hi Thom,

It seems to be more severe with sounds then symbols, but even which things like phone number, I have to read them one number at a time or for example, if I see 555-2937, I'll dial 555-9273.

Do CW readers convert the CW to text or to dots & dashes? I tried CW to text readers many years ago, and they would only work as good as the signal and the fist of the other op. It hardly ever worked if someone was using a SK. Although I've heard that they have gotten much better now.

73,  
Kory  
AC6RN

-----  
Date: Tue, 22 Jan 2002 18:43:39 -0500  
From: Gary Halpern <gary.halpern@sympatico.ca>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [118092] Strange Rumbings - What was that?  
Message-ID: <3C4DF92B.48D89998@sympatico.ca>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

By producing multiple tones over a time parameter, a picture or graphic could be displayed on the waterfall. I am still rubbing my eyes and wondering if the National Enquirer should be contacted or was it just a bad dream or the Canadian portion of the ionosphere playing tricks. Has anyone experienced recent unusal activity on their waterfall display?

-----

Date: Tue, 22 Jan 2002 18:50:18 -0500  
From: "Jim Worthington" <ad4j@arrl.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [118093] Re: Ground .vs. Counterpoise  
Message-ID: <NABBICBNJHOBKGPEHLKBIEMAFLAA.ad4j@arrl.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

>The Windom is a balanced antenna.

There may be some confusion about how your Windom is fed. The original Windom design uses a single conductor feeder and requires a ground connection or counterpoise. Most antennas dubbed "Windoms" today use coax or balanced line feeders and don't require an RF ground. If you are using the single wire feeder, I would recommend the counterpoise over the hot water pipe.

72,  
Jim, AD4J

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End of QRP-L Digest 2443  
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